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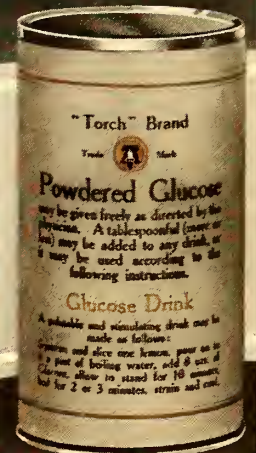
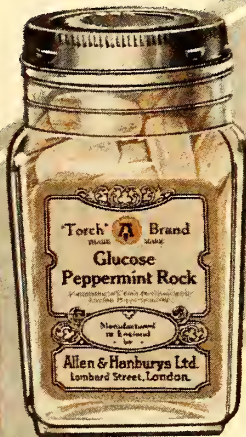
Registered as a Newspaper

No. 2781.
VOL. CXVIII.

MAY 27, 1933

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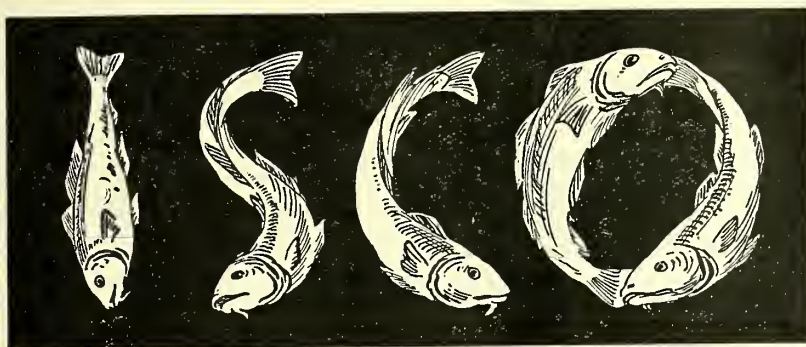
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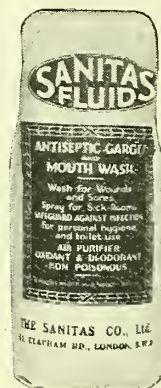
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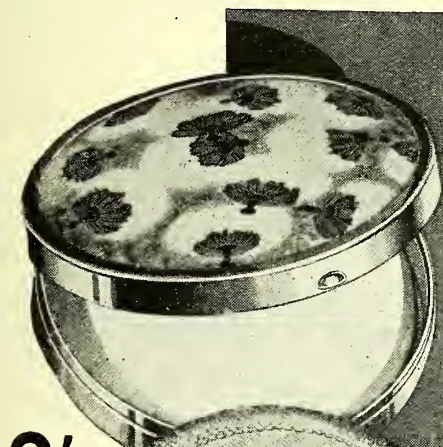
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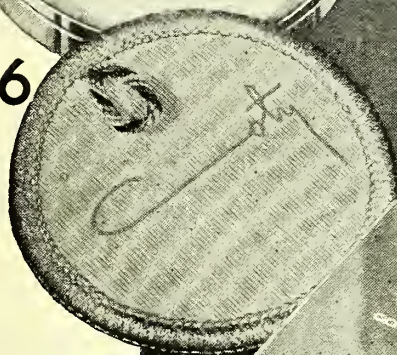
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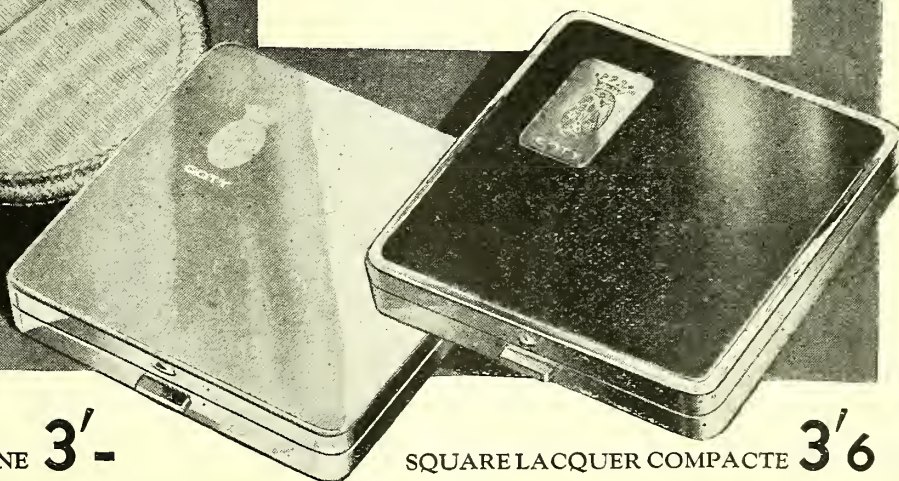
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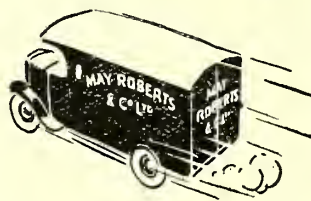
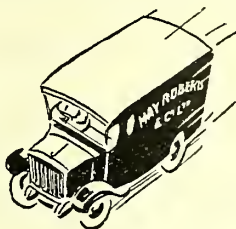
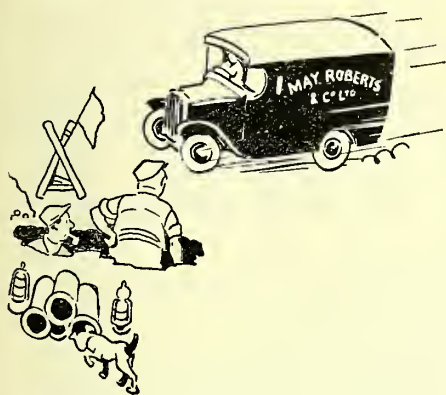
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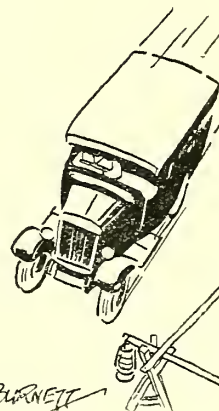
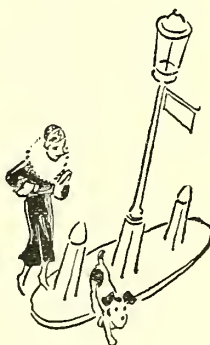
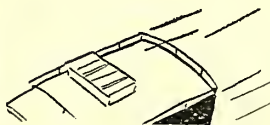
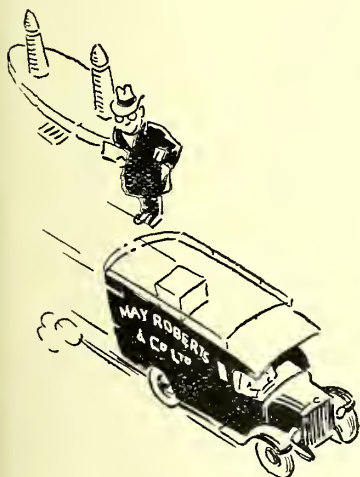
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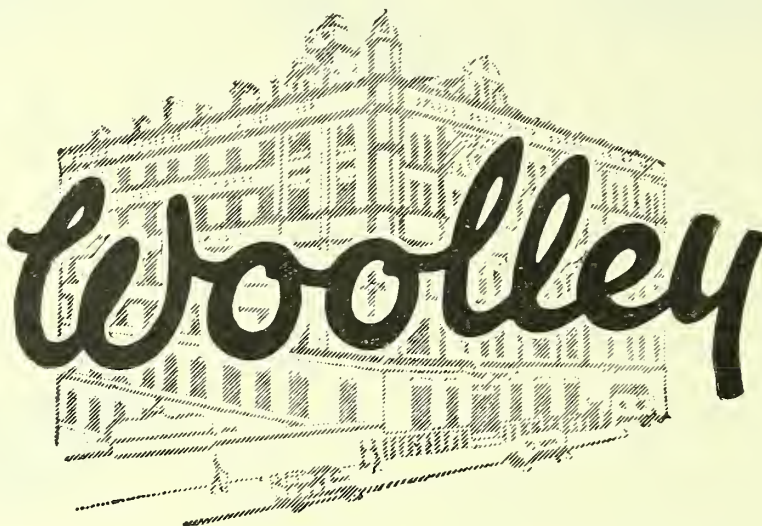
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We are proud of "Lady Gay" as a British product that, in competition with imported lines, excels in the value it represents and the satisfaction it gives.

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To build up business for You!... to build up health for your customers!...

Are you profiting by the consistent advertising in the Medical and Nursing Journals of "Karo," a Glucose product, specially prepared for infants and growing children, and "Dextrosol" Brand Dextrose B.P. (Pure Medicinal Glucose). Personal representation is leading to an ever-increasing recommendation. This means sales for you—particularly if you ally yourself with it closely by staging shop and window displays.

Send for Samples, Showcards and Literature—free on request.



KARO

DEXTROSOL

DEXTROSE B.P.

POST THIS COUPON

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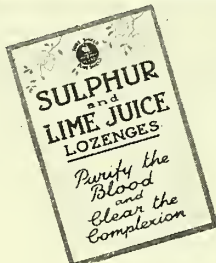
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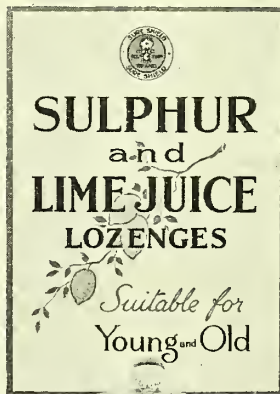
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"DEXTROSOL" 1/6 lb.
Retail Price : 13/6 dozen.
Wholesale " " KARO " 2/6 2 lb. tin
21/- dozen
Retail Price :
Wholesale " Stocked by leading wholesale chemists.

D.A. 56



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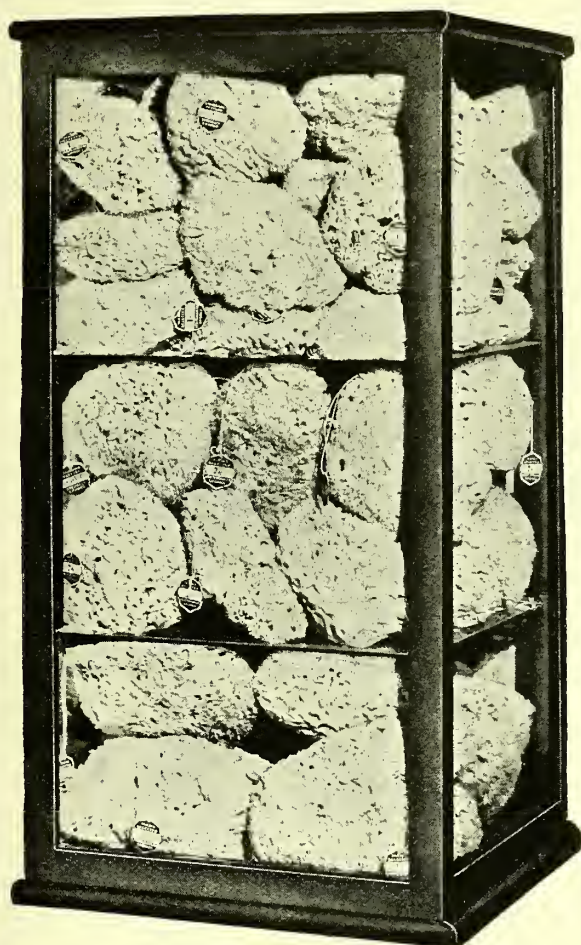


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Carruthers
Street
Manchester



SAMPLE AND PRICE ON REQUEST

Sell more Sponges!



Maw's Sponge Display Case will help to sell more Sponges for you from the moment you place it on your counter.

- It keeps the Sponges in full view of your customers.
- Shows the Sponges to the best advantage.
- Protects them from damage and pilfering.
- Replaces the old wooden case with a dignified counter fitting.

The case is strongly made of hard wood with mahogany finish. It has glass shelves and sides and is open at the back for easy sponge handling. Size 1' 0" square at base. Height 2' 0".

This Display Case is supplied FREE OF CHARGE

Standard Selection

3 dozen to retail at 1/6
 1½ dozen " " 2/6
 1 dozen to retail at 3/6 and over
 Sixty-six pieces £5 all
 This selection represents the best possible value in the Sponge market to-day. Only the most popular sizes are included.

with any selection of Sponges costing £7.10.0, or at a nominal charge of 5/- with a standard selection of 66 pieces, costing £5.

This charge is credited in full with repeat orders to the value of 50/-.

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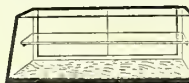
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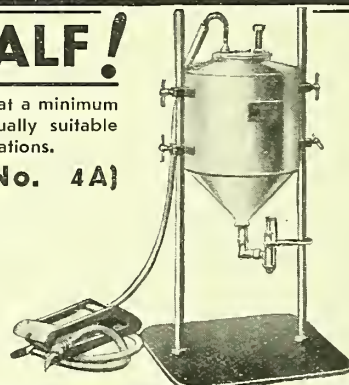
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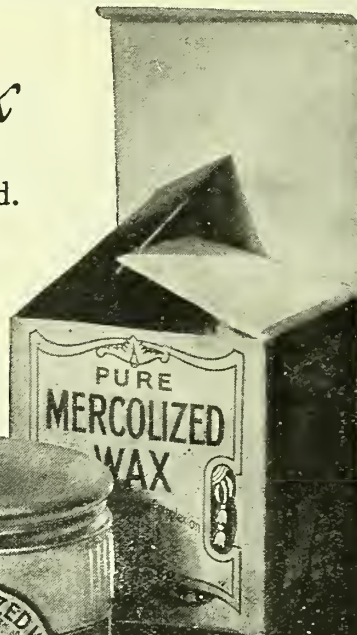
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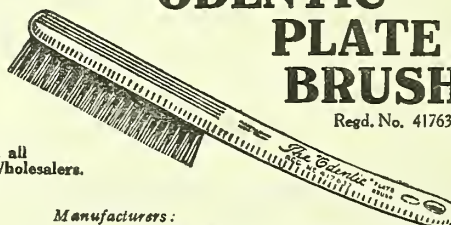
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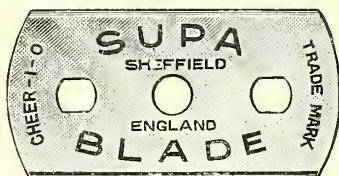
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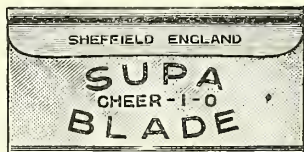
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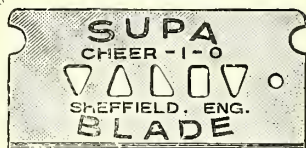
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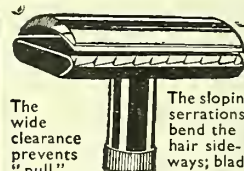
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More than ten messages to every family! It may sound a lot, but Forhan's for the Gums is *more* than a tooth paste, it checks pyorrhœa and that's a point which everyone should know.

Forhan's advertising is going to pave the way to greater sales, through strengthening your background and increasing your prospects; so be prepared for a big demand. There's an excellent margin of profit and a special bonus for window display.

BONUS FOR WINDOW DISPLAY

£1.10.0	LIST PRICE	.....	LESS	2½%
£3. 0.0	"	"	"	5%
£6. 0.0	"	"	"	7½%
£10. 0.0	"	"	"	10%

Take advantage of this bonus and tie up with this powerful campaign by displaying Forhan's on your counter and in your windows.

LIST OF MEDIA

carrying Forhan's Advertising includes:

DAILY MAIL
DAILY EXPRESS
DAILY HERALD
NEWS CHRONICLE
EVENING STANDARD
DAILY TELEGRAPH
THE TIMES
MORNING POST
PUNCH
TATLER
SKETCH
ILLUSTRATED SPORTING &
DRAMATIC NEWS
GOOD HOUSEKEEPING
BRITANNIA & EVE

besides many other well-known publications.

STEMCO Ltd. 128 Albert St., Camden Town,
LONDON, N.W.1

SOLE DISTRIBUTORS FOR FORHAN'S LIMITED

Seize this Opportunity to make Sales grow

With a stick of Gibbs Shaving Soap or Tube of Gibbs Shaving Cream we enable you to present to your customer an Alum Stick in a smart nickel case, FREE.

Take advantage of this unique offer NOW. Naturally, supplies of the Alum Sticks are strictly limited and cannot be extended indefinitely. Send your order at once and make sure of your supply.

Show Gibbs Products in your windows. Prominently display Gibbs Shaving Soap and Cream with the gift Alum Sticks and special showcards, and you'll pocket your profits in double quick time.



ALUM STICKS

For closing cuts and abrasions

FREE

ORDER NOW

36 Alum Sticks are sent with your £3 order of our P.A.T.A. lines which includes 3 dozen Assorted Shaving; or 72 with £6 order and pro rata—but ORDER NOW!

D. & W. GIBBS LTD.
City Soap Works,
London, E.1.

TO BUYERS OF

GIBBS SHAVING CREAM and GIBBS SHAVING SOAP

CONSISTENT ADVERTISING!



A regular series of announcements is now appearing in—

"Weldon's Ladies' Journal," "Children's Bazaar," "Good Taste," "Home Dressmaker," "Home Fashions," "Mab's Fashions," "Roma's Pictorial Fashions," "Woman and Beauty," "Miss Modern," "Woman and Home," "Good Needlework," "Christian Herald," "Film Pictorial," "Woman's Companion," "Woman's Weekly," etc., etc.

CONSIDER THE EFFECT OF THIS INTENSIVE APPEAL TO YOUR LADY CUSTOMERS!

It will pay you to stock and recommend:—

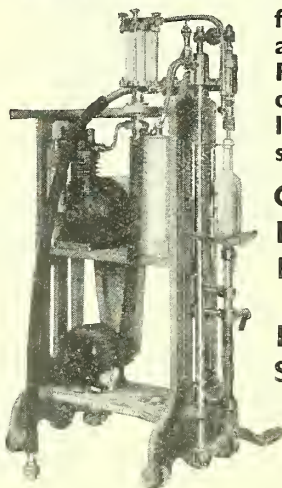
"LUTON" STRAW HAT DYES.
 "AUROREAL" COLD WATER DYES.
 "WINNER" STOCKING DYES.
 "WINNER" HOME DYES, and
 "VELT," THE HOME DRY CLEANER.

Buy on these very attractive terms!

All our prices are subject to 5% discount for cash in 7 days.
 Orders over £4—assorted as you like—are subject to 2½% discount plus the 5% for cash in 7 days.
 Orders over £8—any assortment—are entitled to 5% discount plus the 5% for cash in 7 days.

WHITAKER & CO. (KENDAL) LTD., Dye Specialists for Chemists, KENDAL, ENG.

ROBERTS' PATENT "LEO" VACUUM FILLER



for Glass, Stone, and Tin Bottles. Fills all sizes from drachm to quart—long, short or sprinkler neck.

**Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing**

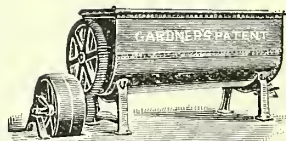
WRITE FOR
PARTICULARS

Roberts' Patent Filling Machine Co.

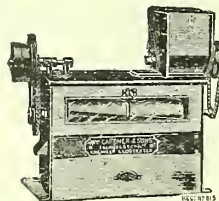
T. ROBERTS, Proprietor,
 33 Roundcroft Street, Bolton, Lancashire
 Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use.

ALL RIGHTS RESERVED

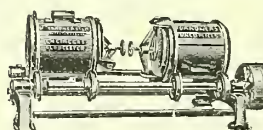
GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



Gardner Ball Crushing Mill.

for Chemical purposes must be rapid, super-fine, of laboratory accuracy, and absolutely consistent.

Gardner machines perform all these operations in the most efficient way.

They are economical and efficient; a high standard is maintained in the quality and quantity of their output.

Details and Catalogue of all Gardner plants from

WM. GARDNER & SONS (Gloucester) LTD.

BRISTOL ROAD, GLOUCESTER

Telephone: 2288 (2 lines).
 Telegrams: "Gardner, Gloucester."
 London Office: 19 Gray's Inn Chmbrs.
 20 High Holborn, W.C.1.
 Telephone: Chancery 7847.

The Annual Special Issue of

THE CHEMIST and DRUGGIST

will be Published on June 24, 1933

and will contain in addition to the usual advertisements, Supplements printed in Photogravure and Two-colour Letterpress—Black and Red—and Black and Green on Buff imitation art paper.

These pages will close for press on the following dates :

Photogravure - - - June 2

Colour Pages - - - June 14



Those Advertisers wishing to avail themselves of advertisements in these attractive forms are requested to communicate with the Publisher.

THE CHEMIST and DRUGGIST

28 Essex Street, Strand, LONDON, W.C.2

Telephone: Central 6565

Telegrams: "CHEMICUS, ESTRAND, LONDON"

Branch Offices:

49 County Buildings, Cannon Street,
MANCHESTER

19 Waterloo Street
GLASGOW

54 Fosters Buildings, High Street,
SHEFFIELD

50th YEAR OF PUBLICATION

E**THE EXTRA PHARMACOPŒIA**

By W. MARTINDALE, Ph.D., F.C.S.

Vol. I.—20th Edition. 27/6 net
Postage 6d.Vol. II.—19th Edition. 22/6 net
Postage 4d.

Complete Work (2 Volumes). 50/- net post free.

An up-to-date book of reference containing concise and easily-found information on the clinical use of modern chemicals and drugs—characters, dosage, methods of prescribing, etc. The Posological Index contains over 12,000 items.

A synopsis of the principal Changes and Additions in the new B.P. is incorporated. *Pharmaceutical Journal*, Oct. 15th, 1932, says: "It is impossible to imagine, even in this time of financial stringency, any dispensary bookshelf being complete without it."

Descriptive leaflet on request.

P

LONDON: H. K. LEWIS & CO. LTD., 136 GOWER ST., W.C.1, also from W. MARTINDALE, 12 NEW CAVENDISH ST., W.1.

LONDON COLLEGE OF PHARMACY

(Founded by H. WOOTTON, B.Sc.) C. W. GOSLING, Ph.C.

Principal: IRVINE G. RANKIN, B.Sc., Ph.C.

SPECIALISTS IN TRAINING PHARMACISTS

Revision Classes in All Subjects for June-July Examinations.

Next Session commences on October 4th.

Preparatory Postal Courses P.S. and C. & D. available for Juniors and Apprentices before their college days

Apply to the Secretary,

361 CLAPHAM ROAD, S.W.9

Telephone: Brixton 2161

Increase Your Developing and Printing Service.

Make use of our really useful series of D. & P. books, also our Printed Aids to Selling.

Interesting range of samples post free.

BURALL Bros. The Patent Label Factory,
WISBECH, CAMBS.**MANCHESTER TUTORIAL COLLEGE**
327 OXFORD ROAD, MANCHESTERJ. E. GRIME, B.A., B.D. } Directors of Studies.
V. J. SANSOM, B.Sc.REVISION COURSES for PRELIMINARY SCIENTIFIC EXAM. start OCTOBER, JANUARY, APRIL & JULY.
FULL COURSES for MATRIC. and PHARM. PRELIM.**BENBOW'S
DOG MIXTURE****New****Popular****size 1/6**

A wonderful Tonic and Pick-me-up for an ailing Dog. Unequalled for Distemper, Worms, etc.



Our preparations are now on P. A. T. A. Order through your Wholesaler.

REGISTERED TRADE MARK

ESTABLISHED 100 YEARS.

BENBOW'S DOG MIXTURE CO.

2 Bartholomew Close, London, E.C.1

**ORDER YOUR
SUPPLIES
OF
STANDARD
FILMS**
(FOREIGN)**THE SIX EXPOSURE
1/- SPOOL 1/-
AT ONCE**

LARGE STOCKS AVAILABLE FROM

"NEWBERYS"
LONDON

CARDIFF AND LIVERPOOL

The Richest Source of Vitamin B.

'SUSTENOID'

BRAND

PURE YEAST TABLETS

"Sustenoid" Brand Yeast Tablets are 100% pure dried yeast, containing no drug or any other admixture. This appeals to the public and doubtless accounts for the great popularity of the line.

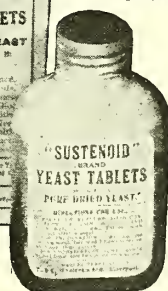
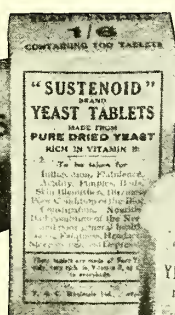
Chemists throughout the country who have started with a small parcel, are now repeating in quantities that qualify for the very lowest terms.

Minimum Retail—6d. per bottle of 25
 1/6 " " " 100
 Wholesale—4/- and 10/6 per doz.
 Parcels of 35/-—3/9 and 10/- per doz.
BIG PROFITS
 Larger Parcels—3/3 and 9/- per doz.

Write for a special trial parcel. It costs very little and you will find you have never handled a better line for quick sales and big profits.

THOMPSON & CAPPER WHOLESALE LTD.

MANESTY BUILDINGS,
COLLEGE LANE,
LIVERPOOL. 1.



LET A
BETTS'
PRODUCT
IMPROVE
YOURS!

METAL
BOTTLE
CAPSULES

Any size. Any
colour and
stamping

COLLAPSIBLE
TUBES

plain or
coloured

PERFUMERY
SPRINKLER
CORKS

TIN AND
LEAD FOILS

Our quality and
service are unsur-
passed in the trade
—test us with your
inquiries

New Zealand Representatives
NEIL CROPPER & Co., Ltd.
Post Box 74, Dilworth Bldg.
Auckland, New Zealand

ALL
BRITISH
MADE

BETTS & Co.
LIMITED
1 WHARF ROAD
CITY ROAD LONDON N.I.

JOIN THE HAPPY MULTITUDE
STOCK UP FOR WHITSUN WITH

H. & D. 1300

THE

ISOCHROMATIC

"HUNTER CELWYN"

6 EXPOSURE $3\frac{1}{4} \times 2\frac{1}{4}$ FILM

TO SELL AT 1/- (USUAL TRADE DISCOUNT)

Packed in standard size square cartons, equally popular for
over the counter sale or automatic machine.

IMMEDIATE DELIVERY

All orders despatched same day as received.

SUPPLIED TO APPROVED DEALERS ONLY

★ **PLEASE NOTE** R. F. Hunter Ltd. are the only
firm belonging to the Federa-
tion Photo Manufacturers Association distributing a $1\frac{1}{2}$ -
 $3\frac{1}{4} \times 2\frac{1}{4}$ Film. This means that every approved dealer is
fully protected against illegitimate competition.

SUPPORT THE FIRM WHICH SUPPORTS YOU!

R. F. HUNTER LTD.

(SOLE IMPORTERS)

51 GRAY'S INN RD., LONDON, W.C.1

★ **CYLINDRICAL CARTONS** In response
demand, round cartons will also be available to popular
Ready for distribution approximately end of first week
in June.

**STANDARD
FILM**

*The Film that puts
SURE in Expo-SURE!*

6 Ex. $2\frac{1}{2} \times 3\frac{1}{2}$. 1 - per roll

1300 H & D DOUBLE COATED

NOW SELLING AS FAST AS THEY CAN
BE PRODUCED. OUR ADVERTISING
CAMPAIGN WILL BRING YOU
CUSTOMERS.

Packed in square and cylindrical cartons for
counter and auto machine sales. We supply
window cards and labels for auto machines.

Giant cartons and window posters, etc., free.
Usual trade terms. All orders carriage paid.

Stocked by all wholesalers or obtain direct from
PHOTO TRADING CO. LTD., Change Alley, SHEFFIELD

SUMMER SALES

POTTER'S VITALIZING FRUIT SALINE

Clarke's LIVER SALTS

ALL THE YEAR ROUND HEALTH SALT

PRICES

Potter's Vitalising
FRUIT SALINE
 8 oz. bottles (retail 1/9) 12/- dozen
 4 oz. bottles (retail 1/-) 7/6 dozen
 Attractive show matter with all orders.

All the Year Round
HEALTH SALT
 4 oz. tins ... 4/6 dozen
 Gross lots ... 4/3 dozen
 1/- Bottles (4 oz.) ... 7/- dozen
 1/6 Bottles (8 oz.) ... 10/- dozen

Clarke's
LIVER SALTS
 4 oz. tins ... 5/- dozen
 3 Dozen lots ... 4/9 dozen
 1 Gross lots ... 4/6 dozen
 Handsome Showcard with all orders

POTTER & CLARKE LIMITED
Drug Merchants—Manufacturing Chemists
60, 62, 64 ARTILLERY LANE, LONDON, E.1.
Phone:—Bishopsgate 4761-5 lines. Grams:—Horehound, phone London. (2 words)
and 24, LUNA STREET, GREAT ANCOATS STREET, MANCHESTER
Phone:—Manchester City-6048. Grams:—Horehound, Manchester

Announcement

EDWARD TAYLOR, LTD.,

Manufacturers of

MEDICAL & SURGICAL PLASTERS

announce that on May 31st, 1933, they are removing from Salford, where they have been established for 87 years, and are transferring their business, together with that of their Export Factory in Manchester, to larger and more modern premises.

New Address:

EDWARD TAYLOR, LTD.,

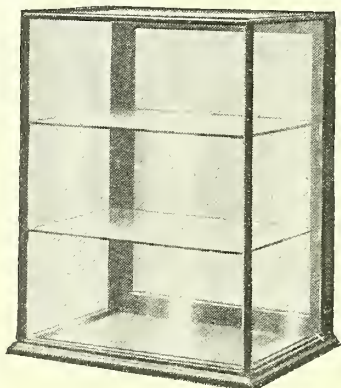
THE "NOBEL" FACTORY

MONTON, ECCLES, LANCASHIRE.

GLASGOW, BIRMINGHAM, LONDON. Established 1847.

T.34

KING'S SPECIAL OFFER OF COUNTER SHOWCASES



No. H 2863. Useful counter showcase with oak or mahogany frame. First quality glass front, sides and top with hinged glass door at back. Interior fitted with two plate glass shelves, $\frac{1}{4}$ " thick, polished edges. Size overall:—

30 ins. high \times 24 ins. wide \times 18 ins. back to front

Price 59/6 each

No. H 71. A similar showcase to the above but size overall:—24 ins. high \times 15 ins. wide \times 15 ins. back to front.

Price 40/0 each

We shall be pleased to forward our catalogue of modern fixtures and fittings No. 1013 post free on application

J. C. KING LTD.

42-60 GOSWELL ROAD, LONDON, E.C.1

PHONES: CLERKENWELL 2316 (6 LINES)

SPECIAL OFFER OF UPRIGHT SHOWCASES

No. C.D.F. 4422

Very useful upright Showcase 5' 9" high \times 20" wide \times 20" deep. Glazed $\frac{1}{4}$ " Drawn Plate Glass. Interior fitted 2 adjustable glass shelves. Oak or Mahogany frames.

£9.5.0 each

Send for our New Catalogue No. C.D. 1400 of Showcases.

DUDLEY & COMPANY Ltd.

451 Holloway Rd., London, N.7

City Showrooms: 65/66 Fore Street, E.C.

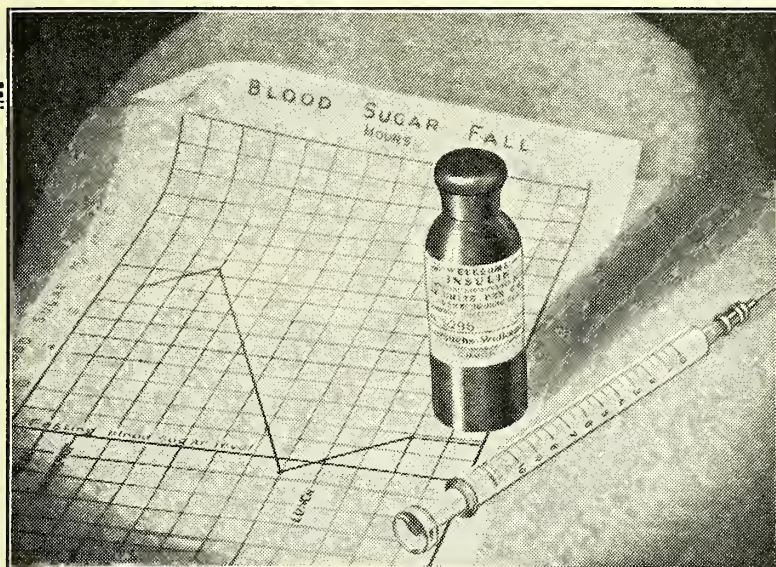
NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK



Insulin of exceptional purity

The standard of purity of 'Wellcome' Brand Insulin, always high, has been progressively raised to the present exceptional level.

'WELLCOME'
Trade Mark Brand

INSULIN

Prepared under strict scientific control by
Burroughs Wellcome & Co.

Biologically standardised at The Wellcome
Physiological Research Laboratories.

London Prices to the Trade (subject)

20 Units per c.c.	40 Units per c.c.
5 c.c. phials, 24/- per dozen	5 c.c. phials, 48/- per dozen
10 c.c. phials, 48/- per dozen	80 Units per c.c.
	5 c.c. phials, 96/- per dozen

The merits of 'Wellcome' Brand Insulin and 'Tabloid' Brand Hypodermic Insulin are kept constantly before the Medical Profession.

'TABLOID' INSULIN
HYDROCHLORIDE

10 UNITS

HYPODERMIC

STERILE

10 products in one tube, at 24/- per doz. tubes



BURROUGHS WELLCOME & CO., LONDON

PHILLIPS' DENTAL MAGNESIA

"MILK OF MAGNESIA"

AND

"DANDERINE"

(Regd.)

(Regd.)

QUANTITY DISCOUNTS—5% on 6 doz. 1/3 size or equivalent } and 2½% for cash on the 7th prox.
 12½% " 12 " " " }

Showcards, etc., sent carriage paid on request to—

Proprietary Agencies Ltd., 179-181 Acton Vale, London, W.3



TRADE MARK.

MEDICAL OPINION.

Medical opinion concerning Benger's Food has probably expressed itself more freely and more favourably than in connection with any other Food in daily use.

Show Material from—

BENGER'S FOOD, LTD., ——— MANCHESTER.

15,000 WOMEN

During the past eight months over 15,000 women have tried out the Cucumel preparations, and many more will try them. That these preparations are not only liked but BOUGHT by most of those who try them is proved conclusively by the increase in sales.

Everyone who sends to us for samples is told the names of the nearest chemists who stock the Cucumel Preparations. If your name is not amongst them, get a small stock of Cucumel now; if you are amongst them display your stock (generous window show terms) and clinch the sales induced by the advertising and the samples.

CUCUMEL Lotion and Cream

THOS. CHRISTY & CO., Old Swan Lane, London, E.C.4

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,
The Chemists' and Druggists' Society of Ireland, and of
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (8 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)

19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)

155 AVENUE DE WAGRAM, PARIS, XVII^e (TEL.: GALVANI 19-79)

54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)

39 QUEEN STREET, MELBOURNE, AUSTRALIA

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News of the Week

Import Duties Advisory Committee Applications

The Import Duties Advisory Committee give notice that they have under consideration the following applications:—For an increase in the import duty on:

Condensed milk.
Milk powder.
Lactose.
Fruit pectin.
Aluminium sulphate.
Aluminium hydrate.
Ammonia alum, potash alum and soda alum. . . .
Complete electric filament lamps of all kinds, whether in bulb or tubular form, and whether gas filled or not.

For the adjustment of the duties on:—

Brown artificially fused aluminium oxide and natural emery garnet and corundum in grain.

For the addition to the Free List of:—

White artificially fused aluminium oxide whether in the lump or in grain; brown artificially fused aluminium oxide, and natural garnet and corundum in the lump only.

Any representations which interested parties may desire to make in regard to these applications should be addressed in writing to the Secretary, Import Duties Advisory Committee, Caxton House (West Block), Tothill Street, Westminster, London, S.W.1, not later than June 6 in the case of aluminium sulphate, aluminium hydrate, ammonia alum, potash alum and soda alum, and not later than June 19 in the case of the other commodities enumerated above. The Committee explain that the application in respect of plate and sheet glass included in their announcement of May 10, 1933, refers only to "plate and sheet glass (plain, opal or coloured) which has been bevelled, silvered or otherwise finished and articles made wholly or partly of such glass," and not to plate and sheet glass which has not been so worked.

Pharmacy and Poisons Bill

The following is the text of the relevant parts of clauses of the Pharmacy and Poisons Bill as amended by Standing Committee A of the House of Commons on May 9 and May 11 (C. & D., May 20, pp. 534-36). Words added or substituted for other words are indicated in italics. For reasons well understood in Parliament, the whole of Clause 27 and Clause 30 (*h*) are technically new. The wording of Clause 30 (*h*) remains unchanged. The full text of the Bill as previously printed was given in our issue of March 11 (pp. 262-69).

9.—(2) Notwithstanding the restrictions imposed by the foregoing provisions of this Act on the use of certain titles, emblems and descriptions, a body corporate which is an authorised seller of poisons may, if the superintendent is a member of the board, use the description of chemist and druggist, or of chemist, or of druggist, or of dispensing chemist or dispensing druggist, and *may use* the description "pharmacy" in connection with the business. . . .

12.—(3) On an application for registration under this section, there shall be payable such fee, not exceeding three pounds, *in respect of the registration of any set of premises*, as may be prescribed by by-laws, and the owner of the business carried on in any premises entered in the register shall pay such fee not exceeding three pounds as may be so prescribed (in this section referred to as "a retention fee") in respect of the retention of the premises on the register of premises in any year subsequent to the year in which the premises were first registered under this section in pursuance of an application made by him.

20. Except as provided by rules, nothing in the foregoing provisions of this Part of this Act shall extend to or interfere with— . . .

(5) the sale of an article by a person carrying on a

business, in the course of which poisons are regularly sold either by way of wholesale dealing or for use by the purchasers thereof in their trade or business . . .

27. Any expenses incurred by a local authority under this Act shall be defrayed, in the case of the Common Council of the City of London and of a metropolitan borough, out of the general rate, in the case of the council of a county, as general county expenses, and, in the case of the council of a county borough, out of the general rate fund.

29. . . .

"Local authority" means in London, as respects the City of London, the Common Council, as respects the rest of the administrative county of London, the council of the metropolitan borough, and elsewhere as respects a county the council of the county, and as respects a county borough the council of the borough:

30. . . .

(i) subsection (2) of section twenty-one shall have effect as if for the reference to rules made by the Secretary of State there were substituted a reference to Act of Sederunt and as if for the appeal mentioned therein there were substituted an appeal to the Sheriff within whose jurisdiction the appellant's place of business is situate.

The Chemists' Sickness and Provident Society

The fifth annual meeting of the Chemists' Sickness and Provident Society was held at 4 and 5 Queen Square, London, W.C.1, on May 23, Mr. Herbert Gilleghan in the chair. The chairman said that the report for the past year was a fine one, and his only regret was that the membership was not even larger than it actually was. The number of members on December 31 last was 660, a net increase of sixty-one on the previous year's total. The total amount expended in sick pay was £1,312 10s. (men £1,049 6s. 8d., women £263 3s. 4d.). The apportionment of surplus funds allowed £1 8s. 9d. per full share for the men's section and £1 per full share for the women's section. The reason for the smaller apportionment in the women's section was due to a higher percentage of sick claims than in the men's section. Interest on members' balances was again at the rate of 5 per cent. In supporting the adoption of the report and balance sheet, Mr. Hardy said it was most satisfactory. He observed that the capital account had increased by approximately £6,000 in one year, which was apportioned to members under this Society's scheme. Mr. Kneall also offered his congratulations on the work of the Society. Mr. Melhuish (treasurer) said that the accounts and balance sheet disclosed a remarkably sound financial position. The chairman added that their best thanks were due to the secretary (Mr. G. A. Mallinson) for his enthusiasm which had brought such success. The Executive Committee and officers were elected as follows:—*Chairman*, Mr. H. H. Marshall; *Vice-Chairman*, Mr. T. Hardy; *Treasurer*, Mr. A. R. Melhuish; and *Committee*, Messrs. E. A. Atkins, W. W. Atkinson, D. A. Bryan, W. Forster, H. Gilleghan, C. W. Hobson, J. Keall, A. W. Morgan and S. J. Stearn, together with the trustees (Messrs. J. E. French, W. H. Clubb and F. D. Phillips). Messrs. H. W. Harrie, A. Mortimer and H. Glyn-Jones were elected *Arbitrators*.

Visit to Works

About 150 students from the Leicester, Birmingham and Cardiff Schools of Pharmacy were the guests of the United Chemists' Association, Ltd., Cheltenham, on May 17. After a tour of the works a group photograph was taken, and the party sat down to an excellent lunch. The principal item of the afternoon was the cricket match arranged between Birmingham and Leicester pharmacy students, to be played on the Ucal Sports Ground, but provision was made for those who wished to tour the Cotswolds. Prior to the match a splendid exhibition of trick-riding (motor-cycle and combination) was given by a Blackpool chemist (Mr. Hirst). The Leicester students defeated Birmingham at cricket, the scores being 75 and 42. After tea Mr. Miller (managing director, United Chemists' Association, Ltd.) spoke of the pleasure of entertaining such a party of students. Messrs. Chamings, Lloyd and Thorpe (in the absence of Mr. Berry) replied for Leicester, Cardiff and Birmingham

respectively. Mr. Chamings briefly referred to the illness of Mr. Young, who was unable to be present, and a warm expression of sympathy was sent to him by Mr. Miller and his co-directors (Messrs. Hearle, Griffith and Evans), who also spoke.

Inquests

At Oxford, on May 15, an inquiry was concluded concerning the death of Sidney Thorpe, carpenter, London, W., who died while in prison on remand. Dr. Lynch deposed that he found about 3 gr. of morphine in Thorpe's body, and morphine in articles submitted to him. A verdict of "Suicide while temporarily insane" was returned.

The Southampton coroner held, on May 16, an inquest on the body of Margaret D. Kimish, aged six, who died in the Borough Isolation Hospital. Evidence showed that the child died from an overdose of strychnine. The jury, in returning a verdict that the mixture containing the strychnine was made up by some person or persons unknown, recommended that a medical locum tenens be censured for not having made a test earlier.

Miscellaneous

BATH AND WEST AND SOUTHERN COUNTIES' SHOW.—At the Bath and West and Southern Counties' Agricultural Society's Show, which opened at Wimbeldon on May 24, A. Wander, Ltd., manufacturing chemists, Queen's Gate, London, S.W.7, were awarded two first prizes for Jersey cattle as follows:—Class 123, Playmate of Oaklands; Class 126, Ovaltine Primrose. In Class 124 their heifer Sunray of Oaklands was highly commended.

FAIRCHILD SCHOLARSHIP.—The latest date for making applications in respect of the next examination for the Fairchild scholarship and prizes (*C. & D.*, April 29, p. 451) is June 1. If intending candidates have sent their birth certificates to the Pharmaceutical Society for entry to other scholarship examinations, they may state this when sending in applications for the Fairchild scholarship examination, and the date of their birth can be verified by the Pharmaceutical Society.

POISON-LICENCE APPLICATIONS.—An application for a licence under Section 2 of the Poisons and Pharmacy Act, 1908, has been made to the local authority by Mr. S. W. Pettit, Dunstable.—A similar application by National Horticultural Supplies, Ltd., Sheffield, has been refused. In this instance the granting of the licence was opposed by Mr. H. Antcliffe, member of the Council of the Pharmaceutical Society and secretary of the local branch of the National Pharmaceutical Union, who was supported by other pharmacists.—Mr. George William Foss, Mealcheapen Street, Worcester, has applied to the City Council for a licence to sell agricultural and horticultural poisons.

IN THE COURTS.—In Folkestone County Court, on May 16, Timothy Whites (1928), Ltd., were sued by Mrs. Rose Moore for £100 damages for injuries sustained through a fall while at the defendants' shop in High Street. The jury returned a verdict for the defendants. In giving judgment accordingly, with costs, Judge Clements remarked that he agreed with the verdict.—At Birmingham Police Court, on May 19, Frederick Elliott, trading as the City Health Centre, City Arcade, was fined 5s. for selling olive oil under measure. It was stated that the defendant was asked for half a pint of olive oil, but the quantity, when measured, was found to be only two-thirds of half a pint.

Irish Notes

Brevities

Mr. R. F. McCartney, Ph.C., has been elected to the Committee of the Coleraine Branch of the North Derry Unionist Association.

In the Belfast Recorder's Court, on May 18, Mr. B. J. Fox applied for an adjournment of the appeal by Dorothy Meehan, now residing at Maze, against a conviction and sentence of six months' imprisonment for procuring morphine (*C. & D.*, April 15, p. 404). The Recorder adjourned the appeal until September.

Scottish Notes

Brevities

A correspondent writes:—"The recent Council election will go down in history as the 'Scottish invasion.'"

The following botanical excursions, under the auspices of the Edinburgh Chemists', Assistants' and Apprentices' Association, have been arranged:—May 31, to Musselburgh; June 7, to Polton; June 16, practical demonstration at 36 York Place; July 7, to Pharma-Farm, Warriston (Duncan, Flockhart & Co.).

British Pharmaceutical Conference, 1933

THE following pharmaceutical organisations have expressed their intention of sending delegates to the forthcoming meeting of the British Pharmaceutical Conference:—

- The Nationale Pharmaceutique of Belgium.
- The Union Internationale des Employés de Pharmacie of Austria.
- The Sindicato Nazinale Fascista Farmacisti of Italy.
- The Association Générale des Pharmaciens de Roumanie.
- The Hungarian Pharmaceutical Association.
- The Association Générale des Syndicats Pharmaceutiques de France.
- The Dutch Pharmaceutical Society.
- Union Farmaceutica Nacional of Madrid.
- The Apothecaries' Society of Sweden.
- The Pharmacy Board of New Zealand.
- The Pharmaceutical Society of Victoria.
- The South African Pharmacy Board.

Among the delegates known to be attending are the following:—

- Professor van Os, a Professor of Pharmacy in the University of Groningen.
- Mr. Victor van Itallie, secretary of the Dutch Pharmaceutical Society.
- Mr. and Mrs. Gullstrom and Mr. Ekblom, of Stockholm.
- Dr. Kurtics and Dr. Kolassa, of Vienna.
- Dr. Sterian, of Bucarest.
- Professor Castille, Professor of Pharmacy in the University of Louvain.
- Professor Eder, Professor of Pharmacy at Zurich.
- Professor Casparis, who has recently succeeded Professor Tschirch at Bern.
- Dr. J. J. Hofman, president of the International Pharmaceutical Federation.

There are also in London from New Zealand Mr. and Mrs. A. H. Young, while there are shortly to arrive or already here Mr. H. de Lancey Howard, Mr. Alexander Sayers, Mr. Frank T. Bowden, Mr. J. S. McNamara, and Mr. and Mrs. Mitton, of Victoria. Mr. D. M. Jamieson is also on his way from South Africa.

Members attending may book now at the Grosvenor House, Park Lane, W.1. They should mention that they are members of the Conference party in order to obtain the special Conference terms. Invitations to the Conference will be sent out at the beginning of June, and an early reply is requested in order to facilitate the work of the London Committee.

Coming Events

Sunday, May 28

Catholic Pharmaceutical Guild, Sodality Hall, 114 Mount Street, London, W.1. Business meeting at 2.45 p.m., preceded by lunch at Slaters' Restaurant, Piccadilly, London, W.1, at 1.30 p.m.

Wednesday, May 31

Western (London) Pharmacists' Association and West London Branch of the Pharmaceutical Society, Stewarts' Restaurant, 50 Old Bond Street, London, W.1. Annual meetings; Association 8.30 p.m.; Branch 9.15 p.m.

Topical Reflections

By Xrayser

Amendments Moved

during the Committee stage of the Pharmacy and Poisons Bill (*C. & D.*, May 20, p. 534) revealed the exercise of a tremendous amount of ingenuity by opponents of the measure, or parts of it. But no great support seems to have been accorded to the idea that chemists enjoy a wonderful monopoly in the supply of poisons, though the suggestion of this was skilfully insinuated by certain members of the Standing Committee. Mr. Hacking, the chairman, had a short and effective way of dealing with this suggestion, and stated quite definitely that he would much prefer to buy poisons for human consumption from a qualified chemist than run the risk of getting them from somebody who had not had experience of them. It is well, however, that chemists and druggists should realise how the old prejudice against granting them anything in the nature of special privilege still persists, and how they might have been adversely affected by the inclusion in the Bill of clauses subversive of their interests if representatives of those interests had not been able to come to terms with the Government prior to the final introduction of the measure. It would now appear to be only a matter of a short period before the Bill becomes an Act of Parliament, and we shall then need to be on the alert regarding its interpretation. We shall presumably have to wait for the "appointed day" before the Act actually comes into force, but next year may be expected to see most of its provisions in full working order, and ourselves wondering what steps ought to be taken, on the basis of the

Pharmaceutical Society's new constitution, for the definite regularisation of pharmacy as an occupation.

The Annual Meeting

of the Pharmaceutical Society appears, according to your report (p. 545) to have been the same deadly dull affair to which we have become accustomed in recent years. It must be admitted that the Council had a better case for presentation than usual and that Mr. Hines, the president, was not slow to make the most of it. But neither critics nor supporters made much of a show, and the tone of the chairman's reply on the discussion strikes me as verging upon contempt. There was much in the remarks of some of the speakers that seemed to call for an explanatory reply by the president. Regarding the proceedings as a whole, the meeting hardly appeals to one as a worthy end of a series which has covered a period of some ninety years in the life of a voluntary body that has rendered immense service to the community, as well as the craft which it represents. Perhaps the first annual meeting after the passing of the Pharmacy and Poisons Act may be distinguished by greater formality and attendance of a larger body of more keenly interested members. It is true that they will be members in spite of themselves, simply because they are registered; but it will still be in the power of members to heckle the president and Council, to alter the composition of the latter, and generally to make things unpleasant if the business of the Society is not conducted upon lines that commend themselves to the majority.

Associated Pharmaceutical Societies of South Africa

Annual Meeting

THE tenth annual general meeting of the Associated Pharmaceutical Societies of South Africa opened in the Town Hall, Durban, on April 18. The president of the Associated Societies, Mr. D. M. Jamieson, Port Elizabeth (C. & D., May 13, p. 511), occupied the chair. The other delegates present were Messrs. P. S. Lowden (Port Elizabeth); H. R. Hudson, D. S. B. Anderson, G. W. Grose and R. S. Hare (Natal); B. A. Jacobson, H. L. Karnovsky, S. D. Smith, J. S. Ferguson, G. B. Christie and W. Last, secretary (Transvaal); P. B. Preston, H. J. McJanet and E. Lumsden (Eastern Districts); L. R. Tibbit and A. M. Fyvie (Pietermaritzburg); S. N. South (Pretoria); J. A. Robinson and L. W. Cooper (Northern Districts); A. Purnell, R. Mellow and F. J. Todd (Cape); W. F. Prophet, A. Reichenberg and R. S. Armstrong (Orange Free State). The financial statement showed that the subscriptions amounted to £237. There was a deficit of £60 on the working for the year ended March 31. Cash on fixed deposit was £1,040. The benevolent fund stood at £234. In conjunction with the Conference a chemists' exhibition was held in the Durban Town Hall.

SALE OF DRUGS BY GENERAL DEALERS

A report was tabled dealing with efforts to control more strictly the sale of drugs by general dealers. The matter had been recently discussed at a meeting at Capetown of representatives of the Medical Association of South Africa, the Dental Association of the Cape Province and the Cape Pharmaceutical Society.

Finally the following resolution was passed unanimously, with instructions that it be transmitted to the associations concerned:—"That this informal meeting, representing the Medical Association of South Africa, the Dental Society of the Cape Province and the Pharmaceutical Society of the Cape Province, views with alarm the indiscriminate sale by general dealers of poisons, patent drugs and other medicaments, especially alcoholic preparations for use as medicine, and desires to record its opinion that the system calls for amendment."

The Conference had submitted to it motions by four affiliated societies calling for a change in the administration of the Medical, Dental and Pharmacy Act in regard to the sale of poisons. The following motion of the Natal Pharmaceutical Society was carried:—"That the Pharmacy Board be requested to point out to the Law Department the urgent necessity of advising magistrates not to issue certificates for the sale of poison and preparations containing poison, as provided for in Section 51 of the Act, in towns where the demand for the substances governed by these certificates is adequately met by chemists and druggists, exception to be made in the case of those firms who have become recognised as dealers in agricultural poisons, and that all such names should be approved by the Pharmacy Board."

The following motion was carried:—"That the Pharmacy Board be prevailed upon once more carefully to consider the employment of a chemist and druggist as an inspector to visit all towns and country districts in the Union, to ensure that the provisions of the Medical, Dental and Pharmacy Act are being duly carried out by general dealers, co-operative societies, and also by chemists and druggists."

In the evening, at the Royal Hotel, between 8 and 10 p.m., short papers were read. These included "Brief Notes on Up-to-date Materia Medica," by Mr. H. R. Hudson; "Pharmaceutical Education," by Mr. C. D. Golding (Cape); and "A Few Notes on Ergot," by Mr. W. B. Marshall. Then from 10 to 12 p.m. a smoking concert, combined with a bacon and egg supper, brought to a close a busy day.

The Second Day's Proceedings

CONTROL AND SALE OF POISONS

THE Conference was continued on April 19, when it was resolved that a special committee of chemists be appointed for the purpose of collating facts in regard to poisonings and infringements of the Medical, Dental and Pharmacy Act. This Committee will place their findings before the Government in an endeavour to stress the dangers inherent in the careless handling of medicines and poisons. It was stated that an effort would also be made to induce the Government to take steps for the registration of formulas of all patent and proprietary medicines before these are offered for sale to the public. Members pointed out that in South Africa many factories owned and managed by unqualified persons were placing medicines on the market for sale to the public. This was considered altogether illegal, and, if necessary, a test case will be instituted.

EXAMINATIONS AND CERTIFICATES

The Conference is requesting the Pharmacy Board to revise the syllabus for the pharmaceutical examinations in view of the fact that the 1932 British Pharmacopoeia is to become official, it is hoped, in June of this year. The Conference resolved that a specially designed certificate with the letters M.P.S., which will be registered under the Trade Marks Act, be given to all members of the Pharmaceutical Society. It is hoped that this will prevent the abuse of the title M.P.S. by non-members of the Association.

IMPROVED STATUS

In view of the Minister of Justice having publicly announced his sympathy and offered his assistance in the direction of establishing a professional status for commerce, the Executive was instructed to take such steps as they may deem desirable to secure an improved status for chemists and druggists. A discussion took place on the practice of the Railways and Harbours Sick Fund of opening their own dispensaries in certain localities where there are many railwaymen. This was considered unfair competition, seeing that the Department evades Customs duties and overhead charges. It was resolved that representations be made on the matter, also on that of Railway doctors in some country districts doing their own dispensing.

ELECTION OF OFFICERS

The following officers were elected for the ensuing year:—*President*, Mr. A. Purnell, Capetown; *Vice-Presidents*, Messrs. D. S. B. Anderson (Natal) and S. D. Smith (Transvaal); *Treasurer*, Mr. J. S. Ferguson (Transvaal); *Trustees*, Messrs. H. L. Karnovsky and G. B. Christie (Transvaal); *Secretary*, Mr. W. Last (Transvaal).

"Importance of the Chemist"

An interesting competition in connection with the Conference was organised by the "Natal Mercury." Readers were invited to submit postcard essays on "The Importance of the Chemist to the Community." Among the prize-winning essays was the following:—"The chemist's skill is the supplement to the doctor's knowledge, and on his reliability often depends much of the doctor's success. He is also an ever-present help in times of trouble. His precise knowledge of the wares he handles, together with his sense of responsibility to the public, justifies his adopting the slogan 'Trust your Chemist.'"

A baby show, for which there were over 300 entrants, was also organised in connection with the meeting.

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council was held on May 19, the president (Mr. R. I. Edwards) in the chair. There were also present Messrs. H. Todd, S. S. Badger, J. E. Connor, J. F. Grimes, Fred Storey, J. C. Culbert, H. F. Moore, S. H. Forrest, G. W. T. McCann, W. S. Taylor, W. Martin, Professor Small, and Dr. Acheson. Mr. D. L. Kirkpatrick (secretary) was in attendance.

CORRESPONDENCE

Dr. K. G. Emeleus wrote acknowledging the Society's congratulations on his appointment as a professor of physics at Queen's University, Belfast.

The Ministry of Home Affairs wrote approving the appointment of Mr. R. H. Sloan, M.Sc., Queen's University, to conduct the Society's junior examination in physics and practical physics.

Acknowledging the Society's notice of removal from Scottish Provident Buildings as from November 1, Mr. H. B. Letcher (resident secretary) expressed "sincere regret at your prospective departure, as we shall be extremely sorry that the very pleasant relations which have existed between us for many years will thus be terminated."

A letter was read from the Fermanagh county education authority asking for a contribution towards the cost of the equipment of a laboratory for classes in chemistry, which were used by pharmaceutical students. It was agreed, in the special circumstances, to pass the account for £7 3s. 11d.

DURATION OF APPRENTICESHIP

The subcommittee appointed to confer with representatives of the U.R.D.T.A. on the question of the proposed five years' apprenticeship reported that the Joint Committee had agreed that five years be substituted for four in the Regulations, the same to come into force on January 1, 1934, provided there are no objections before September 1933.

THE SECRETARY said they could not change the Act of Parliament. Their solicitor had advised that the trade could make the apprenticeship period anything they liked, but the Council could not pass a resolution that would be *ultra vires*.

THE PRESIDENT said that it was a matter between the parent and the employer. It had been gone into sympathetically by the Committee, and a plebiscite had been suggested. The U.R.D.T.A. meeting were unanimous for five years. The Society's legal adviser had now reported that they could not go any further.

MR. STOREY said he had thought they could by regulation make it five years. That had now been knocked on the head by the legal authority. The members of the Committee had all been impressed by the fact that five years were necessary to train an apprentice thoroughly in the art of dispensing and other matters. The five years' proposal had been notified in the trade Press, and no objection had been received. In some cases they learned that apprentices were compounding prescriptions in three weeks, and in others the employers would not allow them to compound for two years.

THE PRESIDENT said the way was open to the trade to increase the number of years if they wished.

MR. CULBERT said no regulation of the U.R.D.T.A. would be effective. They would have a majority adopting it and a minority opposed to it. If the five years could not be adopted right off, they could make subsidiary regulations that would lengthen the period of training and incidentally give them a better product.

PROFESSOR SMALL moved that the U.R.D.T.A. be informed the Council had been advised legally that the phrase "not less than four years" cannot be altered by regulation to mean "five years," or "not less than five years," and that any such change would require an amending Act of Parliament.

MR. BADGER seconded the resolution, which was passed.

MR. TAYLOR put forward the view that the additions to the examinations would lengthen the period of training.

LAW COMMITTEE

The report of the Law Committee contained the following:—

The Committee considered the form of articles of apprenticeship drafted by Mr. J. M. Whitaker, K.C., and agreed that copy of the same be sent to each member of the Council for their careful consideration before it was finally adopted. They suggest in Clause 2 (d) the words "and also in the Subjects mentioned in Regulation 72 (b)" should be deleted, as there are not any classes recognised in the provincial towns for teaching the subjects of the Final examination, with the exception of the Technical School, Londonderry, which is recognised for the teaching of chemistry (Part II) only.

The question of adding a Northern Ireland Supplement to the book "Forensic Pharmacy" was discussed, and it was agreed that consideration of this matter be deferred until Mr. Linstead has discussed it with Mr. Glyn-Jones, the author.

MR. STOREY moved, and MR. FORREST seconded, the adoption of the minutes.

MR. TODD moved an amendment "that the proposed indentures be sent back to the Committee on the ground that they are only suitable for the city and the larger provincial towns." There were many places where boys could not carry out the terms, as the instructional facilities were not available. He instanced the case of Cushendall. Was the proprietor bound to disclose the preparation of secret remedies under the indentures?

MR. CONNOR thought that the conditions were going beyond what was intended in the Act.

After discussion the amendment was withdrawn, and it was agreed to go through the paragraphs in the indentures. The words "pupils shall attend an approved course" were altered to read "any available approved course."

On the clause relating to teaching of apprentices in "all things," PROFESSOR SMALL said it was no part of the practice of pharmaceutical chemists to carry on secret remedies. It was decided to leave out the word "all."

MR. CONNOR said that in the Dublin Society they looked on pharmacy as a profession, not business. The word "business" occurred in the indentures.

PROFESSOR SMALL: The Council cannot worry about the dignity of business when it has an examination in business methods.

Another clause was altered to read that the employer should grant the pupil all such opportunities as may be reasonably required to enable him to attend the course of instruction and present himself for examination.

An amendment by MR. CULBERT to make the thirty-six hours' minimum forty hours' was defeated. MR. CULBERT said there was too much tendency to rely more on the technical classes and theoretical training than on the shop experience. If the Council decided on forty, it was up to the authorities to draft the necessary regulations.

The indentures as amended were then adopted, subject to final examination by the legal adviser, and the report of the Committee was passed.

BRITISH PHARMACEUTICAL CONFERENCE

It was agreed to pay the expenses of any members of the Council who wished to attend the British Pharmaceutical Conference in London in July, the total expenditure not to exceed £100.

MR. CULBERT thought a couple of official delegates would be sufficient.

THE SECRETARY said the delegates last year did not get all their expenses.

Legal Reports

Action Settled.—In the Chancery Division of the High Court, London, on May 16, a settlement was announced in an action in which Day, Son & Hewitt, Ltd., Dorset Street, W.1, sought an injunction to restrain Chapman & Son (Grimsby), Ltd., from an alleged infringement of their trade mark "Gaseous Fluid" by the use of the words "Gaseous Black Drink" and from passing off. The defendants denied both allegations. Mr. Swan, counsel for the defendants, said that they, without prejudice to these questions, would undertake to discontinue the use of the word "gaseous" in connection with animal remedies as soon as their stock of labels was exhausted, and not later than three months from that date. The defendants would also undertake not to supply animal medicines containing the word "gaseous" within the three months without informing the customer that the use of the word in connection therewith was being discontinued, and after the expiration of that period would be discontinued by them. Mr. Justice Bennett assented.

Dangerous Drugs Acts.—At Plymouth Police Court, on May 22, Mr. Joseph H. Isaacs was summoned for having failed to enter in a register during the past six months particulars of drugs obtained or supplied by him, as required by the Dangerous Drugs (Consolidation) Regulations, 1928. A police superintendent stated that the defendant had been employed as manager of the business of H. T. Netten, Ltd., chemists, Manor Street. Apparently no effort had been made to keep the register in a businesslike way. Mr. A. C. Fabyan Windeatt, pleading "Not guilty" for the defendant, said there was no intention to contravene the Act, but about eighteen months ago a change in the condition of the defendant's employment at Messrs. Netten's made his position increasingly difficult. There was no question of having supplied drugs in an unauthorised manner. The magistrates imposed a fine of £5.—At the South-Western Police Court, London, recently, Mr. Henry Gordon, chemist and druggist, Balham High Road, S.W., was fined 10s. on each of six summonses for having failed to enter supplies of morphine sulphate received.

Appeal Dismissed.—In a King's Bench Divisional Court (Justices Acton and Talbot), on May 19, Mr. Reginald Charles Lawes, wireless trader, appealed against a judgment in favour of Mr. John Borlase Braid, chemist and wireless dealer, the Parade, Exmouth, who, at the Exeter County Court, had brought an action against Mr. Lawes claiming damages for breach of a covenant in a service agreement. Judge Lindley granted an injunction restraining Mr. Lawes from carrying on business as a wireless dealer within a six-mile radius of Exmouth, and awarded Mr. Braid £100 as liquidated damages (*C. & D.*, February 18, p. 168). Mr. P. Malcolm Wright appeared for Mr. Lawes, and Mr. H. J. Pratt represented Mr. Braid. Mr. Wright submitted that the injunction could not stand in that the covenant imposed a ban which was too wide, being for the whole lifetime of the appellant. Further, he submitted that the clause was only inserted in order to safeguard Mr. Braid against the competition of the appellant, after the service ended, and that rendered it unsupportable in law. As to the monetary award, he contended that it was a penalty, and could not be maintained. Mr. Pratt was not called upon to reply for the respondents, and the Court dismissed the appeal, with costs. Leave to appeal further was given.

Damage by Rain.—In the King's Bench Division of the High Court, London, on May 23, Mr. Justice du Parc heard an action by Mr. Paul Ingenlath, glue and gelatin importer, Monument Buildings, E.C.1, claiming the sum of £209 for damages done to bales of sheet gelatin and bags of powdered gelatin. The defendants were the London and North Eastern Railway Company. The plaintiff's case was that in August last he had some tons of goods at Bishopsgate goods station which were damaged by rain-water and dirt. The defence, said Mr. Cartwright Sharp, the plaintiff's counsel, was that the goods were not properly packed

as they were not in corrugated cardboard. This experiment, however, had been tried, but was found to be unsatisfactory. The goods were shipped from Belgium to Harwich, and had been in Bishopsgate goods depôt since the middle of 1931. But time did not deteriorate goods of this kind—on the contrary, it rather improved them. The railway company admitted there was an abnormal downfall of rain on August Bank Holiday, 1932, which practically flooded their premises, but they did not plead an "act of God" or any such defence. The railway company pleaded that they were under no obligation to provide special waterproof or other covering for such goods, although they did so from October 1932 at the request of the plaintiff. Evidence was called on behalf of Mr. Ingenlath. Mr. Picciotto, for the railway company, admitted he did not rely on the plea that it was a custom of the trade to pack the goods concerned in corrugated cardboard. Bales of gelatin were produced in court. Mr. Sidney Hoffman, employed at Bishopsgate Goods Station, said that the plaintiff's gelatin was stored in the ordinary way, and he had never received complaints from anybody except the plaintiff. Mr. W. Gordon Sprague, another employee of the company, said it was not usual to cover gelatin with any kind of sheets, but the company were doing it now at the request of the consignees. Sugar was the only article usually "sheeted." Mr. Justice du Parc gave judgment in favour of Mr. Ingenlath, with costs. At the same time, his lordship remarked, if anyone was to blame at all it seemed to be those responsible for the construction of the sewers.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

C. J. ROE, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of chemists and druggists, etc. R.O.: 58 Gladsmuir Road, Highgate, N.19.

D. E. LEES (CHEMISTS), LTD. (P.C.).—Capital £500. Objects: To carry on the business of consulting, analytical, manufacturing, pharmaceutical and general chemists, etc.

ELSTREE PHARMACIES, LTD. (P.C.).—Capital £1,600. Objects: To carry on the business of chemists, pharmacists and druggists, manufacturers of toilet and fancy goods, etc. R.O.: High Street, Elstree.

HERBOLITE, LTD. (P.C.).—Capital £100. Objects: To acquire the trade mark "Herbolite," and to carry on the business of chemists, druggists, herbalists, etc. R.O.: 5, Waterloo Street, Birmingham.

NEO-PLASTICS, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers and workers in cellulose composition, etc. Solicitors: Stooke-Vaughan and Taylor, 12 John Street, Bedford Row, W.C.1.

ALLUHR-BEAUTY PRODUCTS, LTD. (P.C.).—Capital £4,000. Objects: To carry on the business of manufacturers of and dealers in cosmetics, toilet specialities, perfumery, surgical and pharmaceutical products and appliances, etc.

A. D. A. C., LTD. (P.C.).—Capital £3,000. Objects: To acquire the business of a wholesale druggists' sundriesman, now carried on by Kate B. Pocock as "The Allied Drug and Chemical Company," at 39 Osna-burg Street, N.W.1. R.O.: 37 and 38 Golden Square, London, W.1.

MARYLBONE LABORATORIES, LTD. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in instruments and appliances for the treatment of deafness, surgical appliances, electro-medical, surgical and scientific apparatus, druggists, etc. R.O.: Walmar House, 294/300 Regent Street, W.1.

SIMS & ABBOTT, LTD. (P.C.).—Capital £300. Objects: To carry on the business of chemists, druggists, photographers, etc.

B. LAPORTE, LTD.—The profit for year ended March 31, 1933, including dividends and interest from investments, after charging directors' fees, provision for depreciations and doubtful debts and providing special sum for obsolescence, was £52,068, compared with £37,278 for the previous year, which, with balance brought forward of £15,464, makes a total of £67,532. It is proposed to pay a dividend of ten per cent. and a bonus of 2½ per cent. on the ordinary shares, £14,815; directors' special remuneration, £800; transfer to reserve, £5,000; to investments reserve, £5,000; write off goodwill, £3,500 (£1,000 off patents); transfer to tax suspense account, £9,000; accrued preference shares dividends to March 31, 1933, £2,809; carried forward, £15,373.

Voluntary Liquidations

L. V. Jarvis, Ltd., High Street, Billingshurst, Sussex, chemists and druggists. The statutory meeting of creditors was held recently at Kimberley House, London, E.C., when it was reported that the shareholders had previously met and passed a resolution nominating Mr. P. S. Booth, of the Association of Manufacturing Chemists, as liquidator. It was stated that the liabilities amounted to £344 13s. 4d., made up of the claims of trade creditors, £170 13s. 4d.; Mrs. Jarvis was a creditor for £134, and accounts in arrear totalled £40. The assets, which comprised cash, 5s. 4d.; stock in trade, £100, estimated to realise £45; and trade fixtures and fittings, £20, put down at £5, totalled £50 5s. 4d. The company was formed in March, 1932, to acquire a business previously carried on at first by Mr. L. V. Jarvis, and after his death in September, 1931, by Mrs. Jarvis. The capital of the company at the formation was £100. The sales since the inception to March this year amounted to £323. The creditors passed a resolution confirming the appointment of Mr. Booth as liquidator.

H. C. Carrel, Ltd., 19 The Broadway, Grays, Essex, wholesale and retail chemists. The statutory meeting of creditors was held recently at Winchester House, London, E.C., when Mr. Andrews, one of the directors of the company, presided and said that the shareholders had passed a resolution nominating Mr. C. A. Hannan Harris, accountant, 28 St. Swithin's Lane, E.C., as liquidator. A statement of affairs was submitted which showed liabilities of £409 5s. 6d., of which £383 os. 6d. was due to trade creditors; and there was a creditor for rent for £46 5s. The assets consisted of cash in hand, £2 os. 3d.; rent receivable, £5 8s. 6d.; stock in trade, £150, estimated to realise £75; fixtures and fittings, expected to produce £10; and deposits and payments in advance, £1 14s., making total assets of £94 2s. 9d., from which had to be deducted preferential claims of £8, leaving net assets of £86 2s. 9d., or a deficiency of £323 2s. 9d. The company was incorporated on October 17, 1929, with a nominal capital of £150, all of which had been issued. From the date of the inception of the company to March, 1930, there was a net loss of £75, in the following year a further net loss of £67 was recorded, and in 1932 the net loss was £173. No accounts had been prepared for the last period. The creditors passed a resolution confirming the appointment of Mr. Harris as liquidator, with a committee of inspection.

Gazette

Bankruptcy Acts

RECEIVING ORDER

DAVISON, W. T., 8 Clievdon Road, Thorpe Bay, and lately carrying on business at 21 and 23 Victoria Arcade, Southend-on-Sea, under the style of The British Pharmacies.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the
National Health Insurance Acts

Local Reports

North-East Midlands.—The following statement of prescription numbers, compiled by the North-East Midland Prescription Bureau, shows the increase for January 1933, compared with the corresponding month of last year:—

Area	No. of Prescriptions, Jan., 1933	No. of Prescriptions, Jan., 1932	Percentage Increase
Barnsley ...	15,037	9,796	53.5
Derby ...	30,120	20,701	45.5
Derbyshire ...	102,360	66,855	53.1
Grimsby ...	17,806	12,471	42.8
Halifax ...	27,161	17,616	54.2
Huddersfield ...	32,406	19,648	64.9
Lincoln ...	7,826	6,026	29.9
Lincs. (Lindsey) ...	28,963	22,424	29.2
Nottingham ...	69,858	48,300	44.6
Nottinghamshire ...	73,171	50,823	44.0
Rotherham ...	20,979	11,712	71.4
Sheffield ...	150,660	92,578	62.7
Total ...	575,456	378,950	51.9

Smethwick.—At a meeting of the Smethwick Insurance Committee on April 4, the Medical Benefits Subcommittee reported the following statistics for the year 1932:—

Total number of prescriptions ..	159,096
Total cost of ingredients ..	£2,239 2 2
Total cost of dispensing fees ..	£2,909 15 1
Average cost of ingredients ..	3.4d.
Average cost of dispensing fee ..	4.4d.

The Finance and General Purposes Subcommittee reported that advice was received from the Ministry of Health that the total amount available for defraying the cost of drugs and appliances during 1932 exceeds the total amount of the chemists' accounts for the year.

Westmorland.—At a recent meeting of the county Insurance Committee, the clerk reported that a prescription was handed to a Gasmere chemist to be dispensed in accordance with the testing scheme. When the agent called at the shop afterwards he was informed that the chemist had telephoned for a supply of two of the ingredients, but the medicine could not be made up till later. The clerk referred to a clause in the terms of service for insurance chemists, which stated that a chemist should "supply with reasonable promptness" and also "so far as practicable keep in stock for that purpose the drugs mentioned in the Drug Tariff for the time being in force." The two ingredients the chemist failed to keep in stock were tr. lobel. æth. and tr. stramonii, and both are included in the Drug Tariff. Dr. C. M. Craig said he did not think the delay was unreasonable under the circumstances. The drugs referred to were very rarely used, and if local doctors did not prescribe them the chemist could hardly be blamed for failing to keep a stock. A village like Gasmere was entirely different from a town like Kendal. Dr. B. R. Johnston: I entirely agree with Dr. Craig. I have practised in the Ambleside and Gasmere districts for over forty years, and have never once prescribed either of these two drugs. In the course of further remarks Dr. Craig said the two drugs "belonged to fifty years ago rather than to the present day," and Dr. Johnston said test prescriptions were unsatisfactory because they lacked the human touch. If he prescribed a little-used drug which the chemist did not stock the latter would inform him, and he would give an alternative or order the original drug to be obtained. Dr. Craig moved that the matter be dropped, and on being seconded by Dr. Johnston this was carried.

Pharmaceutical Society of Great Britain

Branch Meetings

Bath.—A general meeting of the Bath and District Branch was held recently. A unanimous vote was obtained to the proposal that an invitation be extended to the British Pharmaceutical Conference to visit Bath in 1936 or 1937. A purse of £15 has been collected for presentation to the Duchess of York, who is receiving purses at Bath in aid of the Royal United Hospital.

Cardiff.—A meeting of the Cardiff and District Branch was held on May 4, the president (Mr. J. Lee Jones) in the chair. It was decided that two summer outings should be held, the first in June to Sedlun Park, near Chepstow, and the second to take the form of a mystery charabanc tour in September.

Cardiganshire.—The annual meeting of the Cardiganshire, Carmarthenshire and Pembrokeshire Branch was held on April 25. The following officers were elected for the ensuing year:—*Chairman*, Mr. Stanley Davies (Carmarthen); *Vice-Chairman*, Mr. Mendus (Pembroke); *Secretary and Treasurer*, Mr. John Gower (Llanelly). The chairman gave an excellent address on apprenticeship and other problems.

Ipswich.—The annual meeting of the Ipswich and Suffolk Branch was held on May 1, Mr. L. Piper (president) in the chair. Mr. Piper referred to the death of the treasurer of the Branch, Mr. J. A. Symonds, and asked those present to stand in silence. The election of officers for the coming year resulted as follows:—*President*, Mr. L. Piper (re-elected); *Treasurer*, Mr. F. W. Wiggin; *Secretary*, Miss L. Humfress, 3 St. Matthew's Place, Ipswich (re-elected); *Committee*, Messrs Bird and Bradford, Messrs. Baddon, Stearn, Veall and J. C. Wiggin.

Leeds.—Members of the Leeds and District Branch gathered at the Hotel Metropole on April 27, together with student-associates and friends, to enjoy a talk given by Mr. Paul Dobson (chairman). Mr. Dobson exhibited a large number of lantern slides and three cinematograph films of scenes in the highways and by-ways of Scotland. This was followed by the exhibition of a series of coloured slides, illustrative of the flora of England, by Mr. J. H. Gough (chairman-elect).

Norwich.—A meeting of the Norwich and District Branch was held on May 3, when there was a good attendance to hear Mr. Arthur Mortimer (secretary of the Wholesale Drug Trade Association) give an address on *The Future of Pharmacy*. Before Mr. Mortimer commenced his address letters were read from the Society thanking the Branch for donations to the Benevolent Fund. After some discussion the meeting unanimously protested against the Colgate-Palmolive-Peet gift scheme, and against the co-operative societies giving dividends on P.A.T.A. articles; the secretary was instructed to send appropriate letters in each case. Mr. Mortimer, in the course of his address, said the Pharmacy and Poisons Bill had many loopholes but had great possibilities if the right people were appointed to the Poisons Board. Pharmacists, he said, tended to become narrow-minded, and they must take an interest in the affairs of their city if they expected the city to take an interest in them. An interesting discussion followed, in which several members took part. Mr. Lacey proposed a vote of thanks.

Portsmouth.—A meeting of the Portsmouth and District Branch was held on May 3. Dr. A. B. Williamson (deputy medical officer of health for Portsmouth) gave an address on *Is the Health of the Nation Really Improving?* Dr. Williamson gave a survey of public health services covering a long period, with special reference to clinics, welfare centres, maternity centres, school medical services and National Health Insurance. An interesting discussion followed. A vote of thanks to Dr. Williamson was proposed by the Secretary.

Association Meetings

Birmingham.—The annual general meeting of the Birmingham Branch of the Photographic Dealers' Association was held on May 18. The pharmacists present included Messrs. S. C. Blore, L. Ingram, D. J. Rushton, W. Izon and F. W. Smallwood. The chairman, Mr. C. T. Thonger, presented a report on the activities of the Branch during the past year. A suggestion to reduce the price of developing and printing met with no support. The following resolution was passed unanimously:—"That this meeting urges the National Council of the P.D.A. to push forward with a scheme for the control of retail prices for developing and printing, and is of opinion that this can best be effected by the compulsory membership of approved dealers, the maintenance of P.D.A. prices to be a condition of membership." Mr. C. T. Thonger was re-elected *Chairman*, Mr. L. W. Hurcomb *Secretary* and Mr. D. Willey *Treasurer*. *Committee*: Messrs. J. Juggins, A. Partridge, H. E. Pocock, G. W. Riley, T. L. Roach and O. G. Wright.

Edinburgh.—The first meeting of the summer session of the Edinburgh Chemists', Assistants' and Apprentices' Association was held on May 17. A botanical excursion had been arranged, and some forty members journeyed to Barnton under the leadership of Mr. W. Black, who explained the features and the orders of the plants and flowers. A large number of specimens were collected. On the motion of the president (Mr. W. A. Beattie) a vote of thanks was accorded to Mr. Black.

London (S.W.).—The annual meeting of the South-West London Chemists' Association and Branch of the Pharmaceutical Society was held on May 22, when the annual reports and financial reports were adopted. The *Council* for next session will be as follows:—Miss Borrowman, Mrs. Browne, Mrs. Freke, Messrs. Browne, Edgecombe, Garden, Hope-Evans, Inglis, James, Jones, Monaghan, Peasnell, Shakerley, Tibbett, Wells and Woodnoth.

Manchester.—At a recent meeting of the Council of the Manchester Pharmaceutical Association the following officers were re-elected:—*President*, Mr. E. H. Simmons; *Vice-President*, Mr. H. Brindle; *Treasurer*, Mr. W. I. Scholes; *Secretary*, Mr. T. Miller.

Torquay.—A meeting of the Torquay and District Branch of the Photographic Dealers' Association was held on April 26 and attended by over forty dealers. Mr. C. E. Pridham was in the chair. Mr. E. J. Andrews, the general secretary, gave an address on the recent activities in regard to irregular dealing in the Torquay district and informed the meeting that three dealers had already been called upon by the Joint Council of the Federated Photographic Manufacturers to sign a bond. Mr. C. T. Thonger, the treasurer, spoke on the advantages of local membership and Mr. Mansell, the area councillor, also addressed the meeting. Mr. F. March expressed confidence in the way the P.D.A. is dealing with the many problems. Mr. Vickery (Paignton) asked several questions, and Mr. Huxtable, in proposing a vote of thanks to Mr. Andrews, Mr. Mansell and Mr. Thonger, stated that his views had definitely changed for the better since hearing these speakers. Mr. Wilson, seconding, agreed.

West Middlesex.—The annual meeting of the West Middlesex Chemists' Association and Branch of the Pharmaceutical Society was held on May 16, the president (Mr. J. Dobson) in the chair. The treasurer's report, showing a balance of £29, was adopted, and on the motion of Mr. R. F. Edkins it was decided to make the following donations:—£10 ros. to the Conference Fund; £5 5s. to the Benevolent Fund; £2 2s. to the Orphan Fund. The following officers were elected for the coming session:—*President*, Mr. T. Marns; *Vice-President*, Mr. R. F. Edkins; *Secretary*, Mr. F. C. Highfield; *Treasurer*, Mr. J. E. Alcock; *Auditor*, Mr. H. Skinner; *Committee*, Messrs. Browne, Dobson, Gray, Hughes, Ironmonger, Mylroil and Sennitt.

Sporting Events

The Victoria Day competition of the Edinburgh Pharmacy Golf Club was decided over the course of the Burntisland Golf Club, with the following result.—(1) Mr. John Bowman; (2) Mr. W. S. Spence; (3) Mr. J. P. Gibb.

A MEETING of the London Chemists' Golfing Society took place on May 10, at Cuddington (Banstead). Play was for the Yardley cup, which was won by Mr. E. A. Geddes with a score of 89-13=76. Other scores were as follows:—

M. W. Car-	W. E. Cane .. 101-18=83
michael .. 88-9=79	P. O. Royle .. 97-14=83
W. Clark .. 95-16=79	G. F. Deeth .. 91-7=84
F. G. Wells .. 96-16=80	F. C. Jones .. 101-14=87

A meeting of the Society took place on May 14, at the Finchley golf course. Play was for the captain's prize. The course was rather heavy after a night's rain and scoring ruled high as a consequence. The prize was won by Mr. J. Finlay, 101-18=83. Other scores were as follows:—

W. E. Cane .. 102-18=84	R. A. Daniel .. 88-4=84
J. Deas .. 98-14=84	R. Collings .. 91-11=85

In the afternoon a four-ball bogey was played, and resulted in a quadruple tie:—

J. Abernethy and R. A. Daniel	All square
W. E. Swanston and H. R. Nightingale ..	All square
M. W. Carmichael and A. W. Daniel ..	All square
E. C. Pryce and F. G. Wells	All square

The next meeting of the Society takes place at Hartsbourne Manor Golf Club on June 8, the competition being for the Morny prize.

THE Irish Chemists' Golfing Society held their annual outing on May 8, 9 and 10 at the Sligo Golf Club's links at Rosses Point. The event brought together pharmacists from every part of the Free State, and a large and representative gathering set out to compete for the valuable trophies presented by the wholesale houses. Weather conditions on the opening and second days were not of the best, but the last day was ideal for outdoor sport, and the competitions ended with everybody well pleased with their holiday in the west. The party were particularly appreciative of the courtesy extended by Mr. P. Ryan, of Boyle, who conducted the golfers on a tour through the beautiful estate of Rockingham, where wild flowers of numberless varieties and game of every



A GROUP OF COMPETITORS AT THE ANNUAL OUTING OF THE IRISH CHEMISTS' GOLFING SOCIETY.

description were to be seen in profusion. The results of the three days' competitions were as follows:—

Presented by		May 8	Winners
Dublin Drug Co.	Mr. R. Bates (Drumcondra).
Boileau & Boyd, Ltd.	Mr. A. H. Roche (Donnybrook).
Bob Martin, Ltd.	Mr. J. Gorry (Naas).
Macleans, Ltd.	Mr. A. Davidson (May, Roberts & Co., Ltd.)
J. C. Eno, Ltd.	Mr. T. Toher (Sligo).
A. Bourjois et Cie, Ltd.	Mr. Gilmartin (Bundoran).
J. & E. Atkinson, Ltd.	Mr. Hughes (A. de St. Dalmas & Co., Ltd.).
V. E. Hanna (cup with replica)	Mr. Webb (Ballsbridge).

May 9

A. de St. Dalmas & Co., Ltd. ....	...	Mr. R. Bates (Drumcondra).
Heath Bros. ....	...	Mr. E. MacManus (Chapelizod).
Irish Pharmaceuticals, Ltd. ....	...	Mr. Davidson (May, Roberts & Co., Ltd.).

Johnson & Johnson (Great Britain), Ltd. (Tek prize) ....	...	Mr. J. Gorry (Naas).
Yardley & Co., Ltd. ....	...	Mr. S. Whelan (Cork).
T. Guest & Co., Ltd. ....	...	Mr. Foley (Blackrock).
Allen & Hanburys, Ltd. ....	...	Mr. E. MacManus (Chapelizod)
The Erasmus Co., Ltd. (cup with replica) ....	...	Mr. J. Whelan (Galway).

May 10

The Captain (Mr. J. J. Roche) ....	...	Mr. J. Gorry (Naas).
Coty (England), Ltd. ....	...	Mr. S. Whelan (Dublin).
Kolynos (Sales), Ltd. ....	...	Mr. Gilmartin (Bundoran).
Evans Sons Lescher & Webb, Ltd. ....	...	Mr. John Whelan (Galway).
Potter & Moore, Ltd. ....	...	Dr. Ryan (Dul lin).
Gillette Industries, Ltd. ....	...	Mr. J. Costello (Galway).
Irish Chemists' Golfing Society ....	...	Mr. Gubbins (Bray).
Irish Chemists' Golfing Society ....	...	Mr. Stack (Westport).
Irish Chemists' Golfing Society (for novices) ....	...	Mr. O'Neill.
S. Mawson & Sons, Ltd., (cup with replica) ....	...	Mr. J. Gilmartin (Bundoran).

On the evening of May 10, at the close of the competitions, the Society held its annual dinner, at which



FOUR EX-CAPTAINS AND THE PRESENT CAPTAIN OF THE IRISH CHEMISTS' GOLFING SOCIETY.

Left to right: MESSRS. P. LARKIN (Drogheda), J. J. ROCHE (Present Captain), J. GORRY (Naas), R. BATES (Drumcondra, Dublin). Seated: T. TOHER (Sligo).

the guests included a number of the members of the Sligo Golf Club Council. The popular captain of the Society (Mr. J. J. Roche) presided. After an excellent repast the captain called upon Mr. Handley (captain of the Sligo Golf Club) to present the prizes. At the conclusion of the presentations the toast of "The Irish Chemists' Golfing Society" was proposed by Mr. Handley and ably seconded by Mr. Cooke. The captain, supported by Mr. R. Bates (treasurer) responded. The toast of "The Sligo Golf Club" was proposed by Mr. J. Gorry, supported by Mr. P. Larkin (Drogheda), who spoke highly of the excellent manner in which the visitors were treated by the committee and the staff. A vote of thanks to the captain for presiding was moved by the Sligo captain and was carried with acclamation. The musical part of the evening was then begun, and the following contributed to a most enjoyable programme:—Dr. Dunne, Mr. F. Hewson (Ballina), Mr. H. H. Roche, Mr. B. Downey (Sligo), Mr. John Whelan (Galway), Mr. Cook, Mr. Moran, Mr. F. McLaughlin and Mr. Hinckson (Sligo). Mr. Herlihy (Dublin), who is a member of both the Chemists' Golfing Society and the Council of the Sligo Club, was a most efficient accompanist. Mr. T. Toher, another chemist-golfer present, is also vice-president of the Connaught Branch of the Golfing Union of Ireland. Special thanks are due to Mr. Hannon (The British Drug Houses, Ltd.), who rendered yeoman service towards the success of the meeting.

THE annual competition, under the auspices of Northumberland and Durham Chemists' Golf Association, for the Evans' golf cup, was played over the City of Newcastle course on May 17, when twenty-five players took part, with the following results:—A. L. Joy, 2 up; J. Potts, 1 up; T. S. Stonier, all square; A. Harris, all square.

THE Edinburgh Chemists' Golf Club held the May competition for the Pinkerton Gibson trophy over Kilspindie golf course on May 17. There was a turnout of twenty-two competitors, the following being the prize-winners:—(1) A. Nicholson, 71 net; (2) tie, W. A. M. Hourston, 75 net, and M. Stoddart, 75 net. The first prize in the second class was won by M. Scott with 77 net.

THE annual competition for the Kerfoot trophy, in connection with the Manchester and District Pharmacists' Golfing Society, was held at the Sale golf course on May 17. The following were the leading scores:—

W. E. Phillipson .. 85-11=74	J. H. Franklin .. 101-24=77
Y. Cromack .. 92-18=74	H. Woodhead .. 103-22=81
P. W. Stuart .. 83-8=75	T. Miller .. 100-17=83
S. Fletcher .. 91-16=75	S. M. Bostock .. 100-14=86
A. Maude .. 90-13=77	

Mr. Phillipson and Mr. Cromack, having tied for the trophy and prize, played off, after tea, the full eighteen holes, Mr. Phillipson winning. Mr. Cromack received the second prize, awarded by the Society. The tie between Mr. Maude and Mr. Fletcher for the second prize at Torkington was also played off, the latter being the winner.

A Note on Retinoscopy

AN investigation has recently been carried out at the Northampton Polytechnic, London, with a view to finding the cause of the discrepancy between the results obtained by subjective testing, and by static retinoscopy. In the course of these experiments the average discrepancy between the findings was 0.75 D. There is a tendency, among students, to judge their skill with the retinoscope by comparing results with those obtained on the chart. According to Messrs. Bentall and Diprose, the workers responsible for the above experiments, the retinoscope and the chart are always at variance. These investigators reported that discrepancies were chiefly due to spherical aberration of the eye (which was a variable factor), and to the interpretation of the shadow movement by the observer. An important point about the tests is that the subjects were all trained observers, so that the differences cannot be attributed to accommodation on the part of the subject. Quite often one can be observing a "with" movement, and watch it change to "against," or vice versa. This occurs without change of fixation point, the room being in total darkness except for the light from a luminous retinoscope. When an ordinary retinoscope is used there is still more tendency to exert accommodation because the retinoscopy lamp dimly illuminates objects in the room. Some practitioners consider that by asking the patient to look over their right shoulder when refracting the right eye, and over the left shoulder when testing the left eye, more accurate results are obtainable, because the light is projected nearer to the visual axis. For several reasons this does not hold good. If the light is projected near to the visual axis there is usually strong contraction of the pupil, and a poorer reflex is obtained as the fundus is less reflective at the fovea; the shelving of the foveal pit may be responsible for reflecting the light so that it does not emerge directly from the pupil to the observer. The brightest reflex is obtained when the light falls on the optic disc, this being the brightest part of the fundus, and it is a common habit for the refractionist to "jockey for position" until he has got the best reflex possible. So that wherever the patient is asked to look, the operator is likely to fall to the temptation of refracting the brightest part of the fundus, in which case he cannot be projecting his rays close to the visual axis; and in oblique incidence cylinders will be required to neutralise the reflex movement although no astigmatism is

actually present. But the greatest stumbling-block seems to be that wherever the subject is asked to look, the eyes will constantly stray from one point to another, they are rarely still for more than twenty seconds—the patient examines the retinoscope, the test case and other things, thus stimulating accommodation every few seconds. To summarise, these are some of the chief arguments against placing too much value on static retinoscopy: (1) Spherical aberration; (2) interpretation of movements by observer; (3) restlessness of patient; (4) accommodation is frequently exerted; (5) refraction along visual axis gives poor reflex and contracted pupil, and along other axes it produces false cylindrical effects. Retinoscopy is valuable for deciding the amount of astigmatism and the approximate axis, and this information is more reliable than that relating to the spherical error. Where a maximum of accuracy, rather than a rough guide, is desired, it is far better to let the patient focus an object at 20 feet than to let him stare into darkness and imagine it to be infinity. If the subject looks at a 6/60 letter on the chart (dimly illuminated of course) the test becomes a dynamic one, but he is probably exerting less accommodation than he would if merely asked to stare into darkness. At 20 feet no allowance is made except for the observer's working distance. A shorter distance than one metre is desirable on account of changing lenses without undue waste of time. At 66 centimetres 1.5 D. would be deducted from the result.—S. H. L. (19/12).

Artificial Sunburn

THE essential basis of all preparations for imparting a bronzed appearance to the skin is a vegetable oil, preferably olive oil, sesame oil, or arachis oil. In the majority of instances the oil is sold plain, or slightly perfumed, with directions to rub it into the skin before exposure to the sun. The oil is occasionally coloured by the addition of vegetable colour which, however, has no staining action as such. The following is a formula for an extensively used preparation:—

Powdered cudbear	2½ dr.
Powdered henna powder	½ dr.
Arachis or almond oil	4 oz.

Macerate at 120° F. for three hours and then filter. If olive oil is used it is advisable to omit the henna.

Recently a special dye, soluble in a vegetable oil, for the preparation of skin bronzing oils, has been placed on the market under the name of "Sonnenbraun No. 1734." This dye enters into the composition of certain proprietary preparations now on sale on the Continent. The application of anhydrous eucerin is also recommended for the same purpose. In addition, the following preparations are in use for producing a sunburn appearance:—

I	
Arachis oil	60 gm.
Olive oil	38 gm.
Bergamot oil	1 gm.
Sonnenbraun No. 1734	1 gm.

This produces browning of the skin as the result of direct application.

II	
Quinine sulphate	2 gm.
Liquid extract of hamamelis	5 gm.
Wool fat	10 gm.
Arachis oil	100 gm.

The quinine sulphate is triturated with a portion of the wool fat and the liquid extract of hamamelis is also mixed with the rest of the wool fat; the arachis oil is then gradually added.

III	
Arachis oil	60 gm.
Olive oil	35 gm.
Bergamot oil	1 gm.
Laurel berry oil	3 gm.
Chlorophyll	1 gm.

Nos. II and III produce browning after application and on exposure to the action of the sun. Extract of tormentilla in a mixture of wool fat and vegetable oil is also used for producing a sunburn appearance of the skin.

Proprietary Medicines in Syria and Palestine

By E. Farhi

THE following notes on the sale of British proprietary medicines in Syria and Palestine will, I think, be of interest to British readers.

Agents

Where there are agents, many of these are not properly qualified to sell medicines. They are generally commission agents dealing with all kinds of commodities. Quite frequently a firm established in one territory has an agency covering several countries; consequently the agent cannot keep in constant touch with his customers scattered over an extended zone. For instance, several firms in Egypt are agents for certain products for the neighbouring countries of Syria, Palestine, Iraq, and even as far as Persia. One can well imagine how often an agent in Cairo would go to the expense of travelling to Teheran in order to sell a few boxes of cascara tablets!

Lack of Medical Propaganda

Propaganda amongst doctors for British proprietary medicines is, to the best of my knowledge, non-existent in Syria and Palestine. The disastrous effects of this neglect can be well realised when one compares the apathy on the part of British firms with the intense propaganda carried on by competitive countries. In this connection, it is worthy of note that German firms have been very active in late years, and are now so well organised that, despite the political status of Syria (French mandate), and the prestige already acquired by their French competitors, they have succeeded in introducing their preparations on a wide scale. British specialities, however, are not so much in demand, with the exception of a few products of world-wide repute. No regular stocks, therefore, are kept by the chemists to meet occasional requirements.

Prices

In general, agents also act as distributors for the firms they represent, and chemists have to look to them for the replenishment of their stocks. This method of supplying the needs of distant countries offers many advantages, and therefore should work in principle to the satisfaction of all concerned. Unfortunately, however, there are cases where the agents fix their own prices, having a regard only for their own profit, whilst the wholesalers' margin of profits is reduced considerably. It is necessary, therefore, that manufacturers should not entirely neglect the control of the selling prices enforced by the agents abroad. In countries such as these, no association similar to the P.A.T.A. exists for the protection of trade, and so it is incumbent upon the manufacturers to ensure a reasonable profit to those who handle their articles in order to encourage them in pushing sales.

There is a potential market in Syria and Palestine for British products owing to the presence of a considerable number of English and American doctors, and also to the existence of native doctors graduated in English-speaking universities. It cannot be questioned that, owing to their knowledge of the English language, and also to the natural inclination which these doctors have for the appreciation of British-made products, they would be only too pleased to prescribe British preparations whenever obtainable. It is to be hoped that British manufacturers will awaken to the possibilities offered to them and will try to seize their opportunities by carrying out a campaign on the following lines:—(1) Entrusting their interests to fully qualified representatives, and (2) carrying out propaganda work amongst doctors, hospitals, etc., by the liberal distribution of medical literature, free samples, and so forth.

When the Sun Shines

DURING the summer the average chemist is more than ever faced with the problem of keeping up his returns, and it is necessary to ensure that the numerous seasonal lines shall be made to yield their maximum possibilities. Amongst the medicines to be pushed are blood mixtures, sulphur tablets, indigestion remedies and tonics. A good opportunity is afforded to feature the "own name" packs which help so much to consolidate the personal type of business. Liver salts and even the old-fashioned citrate of magnesia are lines which sell steadily when it is remembered that many people use them in the preparation of cooling drinks. Foot troubles are more prevalent during the hot weather, so portions of window and counter should be devoted to the display of corn cures, foot powder, food soap, salves and bath salts. These will serve as a useful reminder that comfort is obtainable at little expense. The toilet side of the business needs careful attention. Vanishing and cold creams to meet the ravages of dust; sunburn lotions and creams, lavender water and eau de Cologne are also necessities. Other lines worth "featuring" are talcum powder and toilet soaps. "Own name" medicated soaps offer real possibilities if well displayed and pushed.

Brushware

is another department worthy of development. To-day, for example, there are more tooth-brushes than ever being used. The pharmacy is the most natural place from which to purchase them. Almost every person preparing for holidays is anxious to replace this toilet necessity. The modern demand for colour can be met by the many attractive shades of brushes now made. Hair brushes and nail brushes, if displayed and priced, will also remind shoppers of possible necessary replacements. Sponges, sponge-bags and face flannels are amongst the things which people replenish when holiday plans are in progress. The increasing popularity of outdoor activities, such as picnics, hiking, camping and motoring, open up possibilities for selling such adjuncts as vacuum flasks, cardboard picnic sets and paper serviettes. Lemonade crystals and powders and concentrated drinks will sell freely, if given prominence at the right time. First-aid outfits also fall into the category of the requirements of outdoor enthusiasts. The popularity of photography, with the enormous volume of business which it brings, should be exploited to the full. The generous displays of films, cameras and accessories need to be made. The manufacturers' help in the way of show material is to be had for the asking. Details of D. and P. service should have prominence right through the summer. Printed slips, bearing prices of enlargements, slipped into wallets of completed work, will interest customers. Another side of summer business is covered by displays of disinfectants of various kinds; household soaps, insecticides, dyes and all kinds of cleaning requisites. Displays should be changed frequently. This makes for freshness of appeal and also prevents that soiled and faded appearance imparted by dust and sun.—*Vigilant* (4/4).

CHEERFUL CONVERSATION.—Commercial: "Haven't I seen you somewhere before?" New Proprietor: "Very likely; I used to be an attendant at Colney Hatch."—"The Grocer."

IODINE DEFICIENCY.—A correspondent of "The British Medical Journal" writes in a recent issue:—"I personally have derived great benefit from taking 1 gr. of potassium iodide daily for the last eighteen months . . . One of the modern refinements of food is the use of pure NaCl, instead of sea salt containing iodine and traces of other elements, which may be valuable accessories to our food. Much valuable mineral food is lost by throwing away the water in which vegetables are boiled, also by the over-refinement of flour. As a result most people nowadays are probably living on a deficiency of iodine and calcium, and might be benefited by a small daily dose of these, and possibly other elements."

South-East London Apprenticeship Scheme

A MEETING to discuss the controlling of apprenticeship and the training of articled pupils was held by the South-East Metropolitan Branch at Maitland House, Greenwich Road, S.E., on May 23, Mr. J. Milner (president) in the chair.

THE CHAIRMAN, at the outset, expressed regret at the small attendance, attributing it to a storm which had been particularly severe in the district.

MR. E. OSWALD WELLS (secretary) said the attention of the Branch should be concentrated on the apprenticeship scheme and the controlling of apprenticeship in its own area. Pharmacy was a democratic calling. The scheme was the outcome of the meeting held at Lewisham on April 4, when a subcommittee was set up to prepare a scheme comparable with the scheme which was explained by Mr. A. E. Young as being in operation in Leicester. It was felt that they had certain things to keep clearly before them. There was the question of indentures and indenturing, attendance at an approved full-time day course at an approved institution, extra syllabus subjects, and (what was of greater importance) financial matters. All these subjects were very carefully explored by the committee, and arising out of the deliberations the scheme submitted at that meeting had been prepared.

It had been the custom to take apprentices for three years, and they were expected to do a certain amount of work in the shop each day. The apprentice came from school, with a schoolboy's outlook, and perhaps one of the most difficult jobs was to convert a boy into a student. They felt, therefore, that if they could lengthen the time by a year they could achieve a useful object, so that a boy would be able to complete three years and still have a year up his sleeve. For the first academic year he was sent to an approved institution in order that he might clear off that bugbear, the Preliminary Scientific examination. It might be said that a boy should get through that examination before he began his apprenticeship; it was probable that the Pharmaceutical Society would eventually require a boy to pass it before he went into the shop, but that was a matter for the future, and could not be brought into this scheme. With regard to Part 2 work, they hoped that the injustice from which they suffered in the district at present would some time be removed, and that they would have their own institution. But they felt that at this stage the absence of a school of their own made it necessary to leave the choice of a school open to the apprentice. It had been the aim of the committee to keep in mind the betterment of pharmacy rather than that of the individual. The scheme was intended to produce pharmacists, and not unqualified assistants, and they felt the only way to do this was to weed out those who did not come up to the standard required.

He thought that when they examined the scheme they would agree that it had involved the committee in a considerable amount of effort, and they had kept before them all the time the ideal of a better pharmacy. They realised that there were men coming into pharmacy by the score, and suggestions were being made on every hand that apprenticeships should be stopped. But they felt that such a procedure would be contrary to the principles of pharmacy. It would be autocratic, whereas pharmacy was democratic. They believed that the only way to control apprenticeships was to establish a committee who should have control over those places in which apprentices were taken. The first step was to get out a scheme for training the apprentices, and that now before the meeting was an endeavour to raise the status of pharmacy and after that the status of the pharmacist. (Applause.)

MR. COLIN BARNES suggested that they should forestall the Pharmaceutical Society, and insist on a boy passing the Preliminary Scientific examination before he signed his articles. That method would prevent a lot of the provisos in the report being needed and simplify matters considerably.

MR. WELLS replied that the committee were faced with the psychology of the boy who had just left school, and it had been found at Leicester that putting a boy into the shop for part of the time gave him an introduction that rubbed off his shyness. He pointed out that the committee had been careful to see there should be nothing in the scheme contrary to the Regulations of the Pharmaceutical Society at the time of its introduction. But there was nothing to prevent the meeting putting any matter forward for consideration.

MR. I. HINNEMAN suggested that the clauses regarding apprenticeship might operate harshly in certain cases. Even if a fellow failed the first, second and third time, he might like pharmacy immensely, and why should he be stopped from continuing in pharmacy? His experience had been that a lot of apprentices who went beyond their first month liked pharmacy. He did not agree, either, with the idea that the apprentice should be left to look after his own arrangements for the final Qualifying examination. Definite arrangements should be made throughout, and the college should be one applicable to the whole of the course. He thought the scheme should apply to the whole of the London area before it was put into operation for the South-Eastern area. It would be much more satisfactory if the scheme were Metropolitan, rather than sectional, and before anything was carried he thought the other associations should be approached so that the scheme might be tackled as a Metropolitan arrangement.

MR. WELLS said that if Mr. Hinneman's suggestions were carried out they would get back to the *status quo ante*, and continue to put square pegs in round holes. He thought it was somewhat premature to hope to get other branches interested until they could go to them with an agreed measure, and he felt that they had to get the scheme so thoroughly watertight that they could approach the other branches confident that they would take it up.

MR. W. F. WOOLF said there were too many persons in pharmacy at the present time, so that in his opinion some kind of filter was necessary.

MR. A. F. BARNES asked what would be done with the young man who failed to pass. Would he be thrown on the scrap heap? He should think it was better to let such men come into pharmacy rather than drive them into a cutting store.

MR. WELLS pointed out that it was open to the meeting to move any resolution they wished.

MR. F. J. DYER said he had a lot of sympathy with the views expressed by Mr. Hinneman and Mr. Barnes concerning those who were unfortunate in their training; but he thought they should bear in mind that the present rate of failure in the Preliminary Scientific examination was high, the percentage of passes in London being from nineteen to twenty-four and a little higher in Scotland. Three attempts and three failures would be rather rare, he thought.

After further discussion, in which Mr. R. E. NORRISH, CAPTAIN J. T. G. HAY and others took part, a resolution was carried that the draft scheme be circulated to members and discussed together with the proposal that the clauses dealing with cancellation of indentures be deleted.

The text of the scheme is as follows:—

1. The pupil shall, after registration as an "apprentice or student" in accordance with the Regulations of the Pharmaceutical Society of Great Britain, be indentured for four years, but, should the pupil have previously passed the Preliminary Scientific examination, then the period of indenture shall be three years, and nothing in the indenture or the appendix thereto applying to provisions for instruction for the Preliminary Scientific examination shall apply.

2. The apprentice shall be released during the first complete winter period (approximately from September 1 to June 30) to attend the full-time course of instruction for the Preliminary Scientific examination, at, the hours of

instruction being such as are approved by the education committee of the Branch.

3. The apprentice shall, during the first year, work in the business of his employer (or the hospital or approved wholesale laboratory) during the following periods . . . Full time during polytechnic vacations. This provision for study shall not be interpreted to interfere with the customary annual holiday of fourteen working days.

4. A pupil who has previously passed the Preliminary Scientific examination may be indentured on any date, but others should be indentured on a date between July 1 and October 1, and such apprentice will be required to enter for the Preliminary Scientific examination at the first July examination after entering upon his approved course of instruction.

5. An apprentice who fails to pass the Preliminary Scientific examination at his first attempt shall, except by permission of the education committee of the Branch, be required to complete this examination not later than six months after the first attempt. It shall be left to mutual agreement between the employer and the apprentice's parent or guardian whether the revision course for the second or third entry for the Preliminary Scientific examination shall occupy full-time or part-time, and the cost of such revision course and examination fees for re-entry shall be met by the parent or guardian. (N.B. No apprentice will be permitted to take the classes provided by par. 6 who has not completed the Preliminary Scientific examination.)

6. After passing the Preliminary Scientific examination the apprentice shall work in his employer's shop (laboratory or dispensary as the case may be) full-time for the remainder of his apprenticeship. Nevertheless the student shall attend such extra-syllabus (evening) classes at the approved institution as may be approved by the education committee of the Branch. This course may include pharmaceutical Latin, surgical appliances and fitting, dietetics, elementary bacteriology with special reference to sterilisation, photography and elementary practical pharmacy. A "refresher class" in chemistry may be introduced for the benefit of apprentices passing straight on to the Chemist and Druggist course.

7. For the present it is suggested that on the completion of his indenture the apprentice will make his own necessary arrangements for an approved course of instruction for the Chemist and Druggist Qualifying examination. If at a future date the Branch should decide to approve any particular course of instruction, the approval shall be by a two-thirds majority vote of members present at a branch meeting specially convened for the purpose.

8. The employer shall deposit quarterly into the branch educational fund, on behalf of the apprentice, at the rate of 6s. per week, throughout the entire period of the indenture, the balance of wages being paid to the apprentice. Furthermore, during the first year of the apprenticeship, the parent or guardian of the apprentice shall also pay into the fund, at the rate of 6s. per week. Upon the apprentice passing the Preliminary Scientific examination as provided in §5, the parent or guardian shall be reimbursed to the extent of his deposit in the fund. (This provision will not apply when the apprentice has passed the Preliminary Scientific examination prior to being apprenticed.)

9. In the event of the failure of the apprentice to pass the Preliminary Scientific examination at the first, second or third attempt, as provided by §5, the indenture shall be cancelled, and the sum deposited in the fund by the parent or guardian shall, after deducting any outstanding charges, be paid to the employer, but nothing in this paragraph shall hinder the employer's recovery from the parent or guardian of the amount, if any, so deducted. Furthermore, if the apprentice fails to pass the Preliminary Scientific examination at the first or second attempt, it shall be possible for either the employer or the guardian to call attention to the possible desirability of cancelling the indenture. Failure at the third attempt shall automatically bring about the cancellation of the indenture.

10. The sum deposited in the education fund is estimated to cover:—(a) Full-time course for Preliminary Scientific examination. (b) Full-time course for Chemist and Druggist Qualifying examination. (c) Examination fees (first attempt) for (a) and (b). (d) Courses in extra syllabus subjects. (e) Books. (f) The balance, if any, will be handed to the apprentice for use to defray travelling and incidental expenses incurred during the final Qualifying examination. The fees for (a)—(d) above will be paid on behalf of the apprentice direct to the educational or examining authority by the treasurer of the fund.

11. The branch education committee will endeavour to make suitable arrangements for any apprentice who, having passed the Preliminary Scientific examination, desires to enter for any of the valuable scholarships open to students of pharmacy.

12. In the case of an indenture being cancelled:—A (i), (ii) and (iii), as Leicester; B as Leicester; C By apprentice's failure—*vide* §5.

Estimated Expenditure of Contributions

	£	s.	d.
Course of instruction for Preliminary Scientific examination and extra syllabus classes, say	5	0	0
Examination fee (first entry only)	6	6	0
Course of instruction for Chemist and Druggist Qualifying examination, say	30	0	0
(To be selected by the apprentice.)			
Examination fee for Chemist and Druggist Qualifying examination	12	12	0
	53	18	0
	£	s.	d.
Contributions at 6s. per week for 50 weeks in each of four years	60	0	0
Expenditure as above	53	18	0
Balance available for books, etc.	6	2	0

N.B.—Nothing shall be read into this schedule nor into the indenture which shall be incompatible with the Regulations of the Pharmaceutical Society of Great Britain, current at the date of signing.

New Books

Chitham, F., & Williams, S. A.—*Principles of Store Practice*. Second edition. 7½ in. by 4½ in. Pp. 186. 5s. Pitman & Sons, Ltd., Parker Street, London, W.C.2. [Additional chapters, entitled respectively "Modern Merchandising" and "The New Salesmanship," have been written for this edition.]

Ullmann, F.—*Enzyklopädie der technischen Chemie*. Vol. IX (Salpeter-Tinonfarbstoffe). Pp. 840. Marks 50. Vol. X. (Tinte-Zündwaren). Pp. 880. Marks 50. General Index. Pp. 224. Marks 22. 10½ in. by 7½ in. Verlag von Urban & Schwarzenberg, Berlin and Vienna. [The appearance of these last two volumes and of the general index completes the publication of the second revised edition of Ullman's compendium of applied chemistry. Among the subjects which figure in these two volumes in the form of comprehensive monographs mention may be made of the following:—Nitric acid; hydrochloric acid, oxygen, fungicides and insecticides, lubricants, gas masks, sulphur, sulphuric acid, silk, soap, selenium, serums, silver, silicium, edible fats and oils, starch, artificial stone, coal, coal tar, nitrogen, strontium, tobacco, tannin, carbon tetrachloride, measuring temperature, thorium, toluol, pottery, peat, drying apparatus, ultramarine, uranium, vaccines, surgical dressings, vitamins, wax, water, hydrogen, hydrogen peroxide, wine, tartaric acid, bismuth, wool, xylol, centrifuges, pulverisation, zinc, tin, zirconium, sugar, fire lighters. The completion of the revised edition of this well-known compendium will be welcomed by all manufacturing chemists on account of the wealth of practical information to be found in the work. It is impossible to do justice to a work of so comprehensive a nature within the space of a brief review; but to illustrate the wide range of information which it has been the compilers' endeavour to present in the individual articles, mention may be made of the method adopted in presenting the data given under each title in order to convey an idea of its usefulness:—Formula, chemical and physical properties, characters, tests, manufacturing processes, with copious references to the literature, and also to patents; statistical data regarding the annual production of many chemicals, cost of production, particulars of manufacturing plants in different countries, and in many instances the methods adopted by these works. In addition a large number of tables as well as illustrations of apparatus and of chemical installations figure in the text. The entire work, consisting of ten volumes and a general index, is now available at the price of 522 marks, and in view of its eminent practical utility should find a place in the library of every manufacturing chemist.]

Trade Notes

WHITAKER & CO. (KENDAL), LTD., Kendal, are offering special discounts in respect of their well-known dyes.

NONN TABLETS.—The NN Company, 28 Fitzroy Square, London, W.1, are now issuing Nonn brand tablets (for men and for women) in a new packing.

A REFRESHING DRINK.—Most chemists have a considerable business in the sale of lemon squash, lime juice cordial, and so forth, during the summer months. Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, have drawn our attention to a preparation of this nature which they are offering to chemists, namely, Hirst's Fruit Squash. It is stated to be made from fresh fruit and sugar only and is packed in the style shown in the illustration. An attractive showcard is supplied with each dozen bottles.



PHOTOGRAPHIC CHEMISTS will be interested in the announcement on another page by R. F. Hunter, Ltd., 51 Gray's Inn Road, London, W.C.1, relating to the Hunter Celwyn six-exposure roll film.

MEDICINAL CHARCOAL, and the following preparations containing it, namely, Magnocarbon, Tannocarbon and Carbolax, is obtainable from Gedeon Richter (Great Britain), Ltd., Victoria House, Southampton Row, London, W.C.1.

HOT WATER BOTTLES.—P. B. Cow & Co., Ltd., Streatham Common, London, S.W.16, in writing to us regarding their Vacca Lok-Nek hot water bottle, say they find considerable welcome for their principle of maintaining a retail price. The bottle will be made in the popular colours of last year, namely, red, blue, green-white, blue-white, and multi jazz, whilst in addition there will be a new shade—primrose yellow-black, which looks extremely attractive and will be ready for the market in June. Another interesting matter in connection with moulded hot water bottles is that the company have designed a most unconventional bottle which it is anticipated will create more interest in the trade than anything seen in the post-war years. It is to be called the Vacca safety moulded bottle. It will be available shortly and will sell as a super quality article. Chemists who are interested in a bottle of this kind should communicate with the manufacturers.

PAPIER POUFRE, LTD., 46 Baker Street, London, W.1, inform us that their complete beauty outfit referred to in the C. & D., March 18, p. 294, is selling well, and it is likely to prove still more popular during the ensuing months. As will be seen from the photograph reproduced here, Messrs. Papier Poudre supply an attractive showstand for calling attention to the complete outfit and its components—nail polish, soap leaves and papier poudré. The company have also brought out a smaller

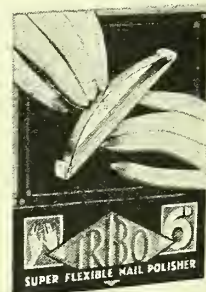


showcard for holding a book of papier poudré and explaining the value of this toilet accessory to hikers.

TI-TROL SOAP.—Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1, who are the distributors of Ti-trol germicidal toilet soap, give some interesting particulars concerning it elsewhere in this issue.

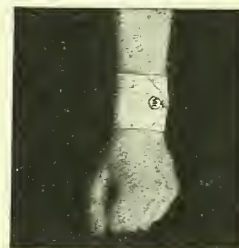
NOSTROLINE BONUS.—Matthews Laboratories, Ltd., Clifton, Bristol, announce that window display bonus parcels of Nostrolin will be available on May 29, and the sizes of the parcels are arranged so that most chemists will find their requirements met by this offer. The bonus is open for two weeks only. Original window display material will be supplied to enable the arranging of a seasonable and modern hay fever display.

TRIBO NAIL POLISHERS.—Solport Brothers, Ltd., 184 Goswell Road, London, E.C.1, have brought out the showcard illustrated herewith for displaying Tribo nail polishers and emery boards. Messrs. Solport state that they will be pleased, on receipt of application, to send showcards to any chemist who purchased stock before these were obtainable. In future a showcard will be included in each outer of one dozen.



ENTEROFAGOS.—Continental Laboratories, Ltd., 30 Marsham Street, London, S.W.1, have placed on the market under the name of Enterofagos a mixture of bacteriophages active against microbes usually found in intestinal infections. This preparation is presented in 2 c.c. ampoules (boxes of five and ten) to be taken orally. An interesting booklet on "What is Bacteriophage?" is obtainable on request.

VIC WRIST SUPPORT.—Grout & Co., Ltd., St. Nicholas Road, Great Yarmouth, have introduced a wrist support which will be welcomed particularly by sportsmen whose skill to some extent depends on wrist-work. Made of crêpe, this support combines flexibility with tension. It can be put on by the wearer without assistance as it is simply wound round the wrist and fastened by passing a loop of elastic over a button.



E. H. SPICER & Co., LTD., Watford, have recently considerably reduced the price of their Emulsion Lactobacillus Acidophilus.

EDWARD HACK, 69 Farringdon Road, London, E.C.1, whose Anti-Thrax shaving brushes and tooth brushes are familiar to most chemists, is offering a tumbler made



of moulded material or a tumbler and a bottle of Sanitas mouthwash to purchasers of his dental plate or tooth brushes. Full details of the scheme will be found in Mr. Hack's advertisement.

Births

Notices for insertion in this column must be properly authenticated.

JONES-WILLIAMS.—At the Grosvenor House Nursing Home, Harrow-on-the-Hill, on May 23, the wife of I. Jones-Williams, M.P.S., F.S.M.C., Kenton, Middlesex, of a daughter.

LINSTEAD.—On May 19, Winifred, the wife of Hugh N. Linstead, Ph.C., The Brackens, Seaforth Gardens, Winchmore Hill, London, N., of a daughter.

Deaths

CROSS.—At Grange-over-Sands, on May 5, Mr. John Thomas Cross, chemist and druggist, aged eighty-three. Mr. Cross was in business at Wingate, Durham, for more than fifty years.

DICKIE.—At Burnett Street, Auchinblae, on May 18, Mr. John George Dickie, chemist and druggist. Mr. Dickie, who qualified in 1905, went to Auchinblae from Aberdeen (where he had a pharmacy in George Street) about three years ago. He leaves a widow and a daughter.

KENWORTHY.—On May 11, Mr. George Kenworthy, chemist and druggist, manager of the Fleetwood branch of Boots, Ltd., aged fifty-four.

MCAUGHTON.—At Ivybank, Port Glasgow, on May 18, Mr. James McNaughton, retired chemist and druggist, aged eighty-five. Mr. McNaughton served his apprenticeship in Dunfermline, and gained further experience with H. C. Baildon & Son, Edinburgh. He established himself in business at Barrhead, but after a few years went to Port Glasgow. In 1919 he took as partner Mr. C. A. Buick, chemist and druggist, and in 1930, after a sharp illness, he retired. Mr. McNaughton is survived by four daughters. The funeral took place on May 20. Among those present were Mr. C. A. Buick, Mr. J. B. Surgeoner (for wholesale friends) and Mr. T. L. Sinclair (representing the Greenock and District Chemists' Association and Branch of the Pharmaceutical Society).

SANDERSON.—At Waterfall, New South Wales, recently, Mr. Robert Turnbull Sanderson, chemist and druggist, aged forty-six.

Personalities

Mr. E. A. ECCLES, chemist and druggist, Oswaldtwistle, has been appointed vicar's warden at Immanuel Church.

Mr. J. B. BRAID, chemist and druggist, Exmouth, has been appointed the first chairman of the newly formed local branch of the Wireless Retailers' Association.

CARDIFF Chamber of Trade has elected Mr. A. S. Johnson, J.P., chemist and druggist, to a second period of office as a vice-president, and Mr. R. Robinson, chemist and druggist, as a member of the executive committee.

PROFESSOR WILLIAM A. BONE, D.Sc., Ph.D., F.R.S., of the Imperial College of Science and Technology, London, S.W.7, has been awarded the medal of the Society of Chemical Industry in recognition of his researches into the mechanism of combustion.

Mr. A. S. BIRNIE, London manager of J. F. Macfarlan & Co., Edinburgh, sails from Liverpool to Montreal on June 9 for a business trip in Canada. Correspondence may be addressed to him at Canadian Bank of Commerce, Montreal or Toronto. He will return home by New York, where correspondence may be sent to Brown Bros., Harriman Co., 59 Wall Street.

OWING to the increase of druggists' sundries at the British Industries Fair, this section recently became entitled to an additional representative on the Exhibitors' Advisory Committee. As a result of an election just held, Mr. M. D. Nixon, a director of Solport Brothers, Ltd., London, was elected to this seat on the Committee, and will represent the Druggists' Sundries Section in conjunction with the former sole representative, Mr. A. T. Cussons (Cussons, Sons & Co., Ltd., Manchester).

Mr. ANGUS F. MCINTOSH, who has been appointed managing director of Thomas Harley, Ltd., manufacturing chemists, Rodine Works, 55 South Methven Street, Perth, was born in Forres, Morayshire, and went to Perth at an early age. After a sound commercial training he joined the late Mr. Thomas Harley as an assistant some twenty-three years ago. At that time the Rodine business was quite small, but under Mr. McIntosh's energetic management it soon began to expand. At an early date he realised the value of establishing the goodwill of chemists and of encouraging them to sell Rodine, with the result that the business has outgrown two factories in his time. The chairman of directors of the new company is Mr. T. Norie-Miller, and Mr. McIntosh's co-directors are Mr. Stanley Norie-Miller, Mr. Lewis Gibson and Mr. Thomas Dempster.



MR. ANGUS F. MCINTOSH

Wills

Mr. JOHN FYFE, Craigward, Busby, Lanarkshire, and of Glasgow, chemist and druggist, who died on Aug. 25 last, left personal estate in Great Britain valued £10,998.

Mr. SIDNEY HERBERT INGALL, Ph.C., 42 High Street, Ashford, Kent, who died on October 12 last, aged sixty, left estate of the gross value £7,644, with net personalty £5,295.

Mr. CHARLES EDWARD GARDNER, Port Elizabeth, Cape Province, South Africa, chemist and druggist, who died on December 14 last, aged seventy-five, left property in this country valued at £3,701.

Mr. JOHN CHARLES THOMAS DAY, L.P.S.I., Glen Holme, Highfield Park, Rhyl, Flint, chemist and druggist, who died on December 24 last, left estate gross value £7,848, with net personalty £6,373.

Mr. JAMES NOAKES TAYLOR, 2 Redbourne Avenue, Church End, Finchley, N., and 67 Mortimer Street, London, W.1, wholesale manufacturing perfumer, who died on March 10 last, aged seventy-five, left property value £20,112, with net personalty £18,749.

SIR WILLIAM HENRY VENO, The Woodlands, Altrincham, Cheshire, chairman and governing director of Veno Trust, Ltd., a director of Cellulose Acetate Silk Co., Ltd., and the Transmutograph, Ltd., who died on March 6 last, aged sixty-five, left estate gross value £181,885, with net personalty nil.

SIR JOHN THOMAS PODGER ROWLAND, J.P., St. George, Eastern Parade, Southsea, Hants, a director of Lewis & Burrows, Ltd., chemists, who died in the disaster to the "City of Liverpool" air liner at Essen, near Dixmude, Belgium, on March 28 last, aged fifty-four, left estate gross value £173,013, with net personalty £161,182.

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Published by "The Chemist and Druggist"

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THE CHEMIST AND DRUGGIST

VOL. CXVIII.

MAY 27, 1933

NO. 2781

The Pharmacopœia and Legal Standards

It is not surprising to find that the remodelling of the British Pharmacopœia has already attracted the attention of the legal world; and an article in a recent issue of the "Justice of the Peace" dealing with the extent to which the new B.P. is to be regarded as setting up a standard for drugs by which the Courts will be bound provides abundant material for consideration on the part of chemists' associations. The writer of the article frankly avows that the changes of nomenclature, particularly, are likely to provide plenty of matter for discussion by the Courts, and are "of considerable importance especially to the large number of solicitors who are called upon to defend prosecutions of retail traders—chemists, grocers and other vendors of goods which come under the general title of drugs." After citing illustrations of the changes of nomenclature and venturing the opinion that the public will go on asking for what they require under the old names (e.g., "ipêcacuanha wine"), the writer goes on to express the view that magistrates, called upon to adjudicate in cases in which an article is alleged not to be "of the nature, substance, and quality demanded," will be puzzled to know exactly how the matter stands and whether they ought to register a conviction or not.

Prosecutions under the Merchandise Marks Acts

We have already had numerous hints of this probable difficulty in the form of letters from correspondents all over the country inquiring as to the position in view of the doubt to which changes of nomenclature (no less than changes in methods of preparation and in potency of products) have given rise: having regard, also, to the fact that word seems to have gone round to local authorities that prosecutions under the Food and Drugs (Adulteration) Act are not so effective in obtaining convictions, and not so productive of heavy penalties, as are prosecutions under the Merchandise Marks Acts, it is very important that traders, and especially retailers, should know exactly where they stand in the matter. We have noticed recently that not only is the B.P., itself, being claimed as an inflexible standard of description but the British Pharmaceutical Codex is also being drawn upon for similar purposes; it would be interesting to know what legal authority there is for this and for the direction inserted as an addendum to the new B.P. touching the dispensing of *vinum ipêcacuanhæ*. It must not be forgotten (and the writer of the article in the "Justice of the Peace" refers pointedly to this fact) that there is no legal definition of the term "drug." The Merchandise Marks Acts, in our opinion, were never intended to supersede the Adulteration Acts; and we are by no means satisfied that this substitution would be approved by Parliament were the facts

clearly disclosed. To charge a trader with applying a "false trade description" to an article which is composed of the proper ingredients though (perhaps erroneously or accidentally) in wrong proportion, while the Adulteration Acts, which were specially passed to deal with articles "not of the nature, substance and quality" of what is demanded, are ignored, appears to us to be very much like an abuse of the process of the Courts.

An Unfortunate Tendency

To return to the question of standards, it is probable that one of the most serious consequences of adopting any publication such as the B.P. or the Codex as an inflexible standard would be that benches of lay magistrates, who even now have a tendency to accept the views of local inspectors as authoritative on such matters, might be tempted to disregard all other evidence as to standards of quality and to inflict penalties which are entirely uncalled for and may be detrimental to legitimate business. This sort of thing was dealt with thirty years ago by the High Court in the well-remembered case in which soap liniment prepared with methylated instead of rectified alcohol (as prescribed by the B.P.) had been sold. Because "*linimentum saponis*" happened to be in the Pharmacopœia the magistrate, relying on a previous decision (in which a chemist was fined for selling *unguentum hydrargyri mitius*), went so far as to refuse to hear evidence of the existence of any other standard than that of the B.P. But the High Court refused to allow that the B.P. was the only standard, and remitted the case with instructions to the magistrate to admit the evidence of other standards and act upon it. There is therefore every reason why the question of the extent to which the B.P. in existence for the time being is to be regarded as an inflexible standard for articles which it formerly comprised, but has now expunged or varied by name or in composition, should be settled upon due authority.

Business Changes

MR. L. D. PRATT, chemist and druggist, has closed his pharmacy at 13 St. John's Street, Cambridge.

H. J. WADE & Co., LTD., manufacturing chemists, have opened commodious premises in Limbrick, Blackburn.

MR. ALBERT V. BRICE has taken over the business lately carried on by Mr. W. H. Florence, London Road, Purbrook, Hants.

MR. M. H. BURGESS, chemist and druggist, has acquired the business of Mr. C. R. Baldwin, chemist and druggist, Danbury, Essex.

MESSRS. A. REED and D. M. WHITE have entered into partnership at 6-8 Beauchamp Street, Holborn, London, E.C.1, as manufacturers of proprietaries and flavouring essences. Telephone: Holborn 4125.

EDWARD TAYLOR, LTD., manufacturers of medical and surgical plasters, are transferring, on May 31, their business in Salford, together with that of their export factory in Manchester, to larger and more modern premises, known as the "Nobel" Factory, at Monton, Eccles, Lancashire.

In the Shetlands

By A. L. Laing

I BEGAN apprenticeship in Lerwick, Shetland Isles, in February 1873, and served an indenture for five years. Times have changed and business has changed vastly during the past sixty years. Someone wrote recently concerning a penny trade for chemists. Half my time during apprenticeship was taken up preparing pennyworths; I know they paid. Some lines sold for a halfpenny (e.g., 2-oz. packets of Epsom salts), and on Saturday evenings there was always a great run on halfpennyworths of hair oil. For that article there was still a small demand for a year or so after I opened business for myself in 1886. I have "Hair Oil" labels still on hand purchased at that time, but for many years there has been no demand for such a thing. On completing apprenticeship I went to Edinburgh as assistant to Mr. D. N. Wylie. Then I was junior assistant in Mr. John Mackay's retail shop in George Street, Edinburgh, which was under the management of Mr. Witham Burley; he was much surprised when I left to take up a situation in Greenwich, he urging that it was like losing my liberty, seeing most English situations were indoor. I, however, wished to gain experience. After a spell there I went to Sandwich, and then to Moore & Co., Craven Road, London, W., where I had an excellent dispensing experience. I spent all my spare time at Bloomsbury Square. I could not afford to take classes, but just worked away as best I could in preparation for the Minor examination, at which I had a shot later on in London, getting on well with each examiner until I came to materia medica. In chemistry, at the same examination, I had Mr. Michael Carteighe, who, according to the experience of many candidates, was something of a terror. I did not find him so; in fact, I thought him quite nice, and he gave me an easy time. I had never taken a holiday, and felt at this time a desire for one, after which I meant to study again and have another try at the Minor. This programme I carried through, and passed in October 1881 in Edinburgh. There seemed to be few situations available at that time in Scotland; and as I had a liking for England, I accepted the first chance, which was with Mr.

in those days did a considerable amount of prescribing and pushed my own specialities. Shortly before the first National Insurance Act came into force one of our local doctors gave up dispensing, and I got a fair share of his work. My policy has always been quality and accuracy. I have always bought and dispensed only the best drugs and handed out the finished article in bottles of accurate size fitted with corks of best quality; and this statement applies equally to private and insurance prescriptions.



THE FREEFIELD BRANCH

In 1921 I took as partner at my original shop, 101 Commercial Street, Mr. John E. Jamieson, who had completed apprenticeship with me shortly before the war. He was in a situation at Edinburgh when war began. He joined up at once and served in Salonika to the end. Afterwards he took the required courses and qualified in 1921. I have since been at Freefield, where I am also sub-postmaster.

Early in my business career I became a member of Lerwick Town Council, in which I remained twenty-five years, serving on all committees. I was convener of the finance committee several years, Bailie six years and Provost during my last three years. I retired from the Council in 1913 with burgh rates the lowest on record in consequence of careful administration of the whole Council. (Now our rates are about four times more.) In my young days I did a fair amount of cricket, though we were much at a loss for suitable playing fields. Later I did a good deal of golf, tennis and bowling. I joined the local Volunteers when very young, having a keen instinct for drill and rifle shooting. For a long period there were no Volunteers in Shetland, but near the end of the South African war a new battalion of Gordon Highlanders was formed, which I joined. Later I had a try at Bisley, and always cleared expenses. In my very first shoot over Bisley century range I put on 100 at 200, 500 and 600, being my first and only century. I was once in the King's 300, but got no farther. I was in the King's prize list also in 1914, and had only been home three days when war was declared. As a Territorial officer I was mobilised the first day. As a panel chemist I could have got clear quite early; but I was willing to do my bit, and although too old for the front I carried on, first at home, then at Greenock, Kinross and Blairgowrie till September 1916, when I insisted on my release, as my business was badly requiring me. The official thanks for having carried on so long was to refuse to grant me the usual gratuity because I applied for release.



THE ORIGINAL SHOP IN COMMERCIAL STREET

Kilby Pears, Hove. Here again was excellent dispensing experience. From there I went to Buxton, and then back to Edinburgh, where I managed a branch business in Leith Walk until making a start for myself in Lauder, Berwickshire, in November 1883.

Early in 1886 premises in my native town became vacant. A friend secured them for me, and I disposed of my Lauder business and opened shop in Lerwick on March 6. The local doctors dispensed their own medicines; but I built up a good general business, and

In the old days Shetland had, I believe, the strongest Naval Reserve Force in Britain; and those men did noble service during the Great War. A very large proportion of our Shetland men are sailors and fishermen, and very few were found unfit for service, so that according to population Shetland produced a greater proportion of men, both in Navy and Territorial Forces, than any other part of Britain—and the death rate was exceptionally high. Shetland sailors were always in high demand in the merchant shipping world, owing to the fact that they were excellent seamen, steady and reliable.

Every year sees an increasing number visiting our islands during the summer months. This is largely because the people of England (and, I might also say, of Scotland) are gradually getting rid of mistaken ideas regarding the Shetland Islands. When I was selected for a situation in Greenwich I was one of over forty applicants, the reason of my selection being that as I

was from so far north I would be able to stand the cold. I stood it, for I was young and healthy; but I only once put in a colder winter, and that was at Craven Road, London, where for three weeks during a spell of snow I broke the ice on the water in my bedroom every morning, a thing unknown in Shetland. On the average we are ten degrees warmer in winter than most of England and ten degrees cooler in summer. Our record of frost is eighteen degrees. We have often lovely summers in Shetland, and for six weeks (about mid-summer) almost no night. Reading, golf and tennis can be done at midnight, and I have even done fair rifle shooting at that hour. To go back for a moment, I may state that I always got on well with my employers. In one case, knowing that I was soon to be making a start for myself, my employer gave me a free run of all his private formulas, recommending those he thought I would find most useful.

Face Powders for Florid Complexions

By H. Stanley Redgrove, B.Sc., F.I.C.

IN the C. & D., 1930, I, 64, reference was made to the utility of green face powder for toning down red noses and florid complexions, and some basic formulas for tinting face powder greenish shades were suggested. During the past three years, green face powder has grown much in popularity, and several manufacturers now include green in their range of tints. Another colour which has been found useful for the same purpose is mauve. It is proposed in the present article to give some modified formulas for producing greenish shades, as well as formulas for tinting face powder mauve. A suitable white basis for tinting these shades may be compounded as under:—

UNCOLOURED POWDER BASIS

Osmo-kaolin	35
Rice starch	30
Talc, purified	15
Titanium dioxide (97-98 per cent.) ..	10
Magnesium stearate	5
Magnesium carbonate, light	5

Any other basis which may be preferred can be used, but it must be borne in mind that the composition of the basis is liable to affect the colour of the finished product. Some adjustment in the formulas may, therefore, be necessary. Adjustment may also be necessary owing to the fact that colouring matters obtained from different firms are apt to differ, sometimes considerably, in shade and intensity of colour. Exact formulas for tinting face powders, such as the following, must, therefore, never be followed blindly. It is essential always to test out the formulas with small quantities of the ingredients which it is proposed to use before attempting to prepare the tinted powder in bulk. As mentioned in the previous article on "Green Face Powder," cobalt green may be used, in quantities up to 5 per cent., for the production of bluish green shades. It is desirable, however, to keep the tints on the pale side; and as, in general, this means that very small quantities of colouring matters will be required, it is not very practicable to attempt to add these in the stipulated amounts to the powder direct. A better and more practical mode of procedure is first of all to prepare coloured bases from the uncoloured powder basis, containing definite proportions of the various colouring matters in excess of the proportions required in the finished product. These are then mixed and diluted, in accordance with the formulas, to prepare the tinted powder. To prepare the coloured bases containing pigments, all that is necessary is to grind the pigment thoroughly with the uncoloured basis, and then to sift through a silk mesh of about 120. In the case of dyes, these should be dissolved in warm

water; and, after incorporation, the tinted powder should be dried at a gentle temperature, reground and sifted. Formulas for the requisite coloured bases follow:—

COBALT GREEN BASIS

Cobalt green	10
Uncoloured powder basis	90

EOSIN BASIS

Eosin, yellow shade, foodstuffs grade ..	1
Uncoloured powder basis	99

ULTRAMARINE BASIS

Ultramarine	10
Uncoloured powder basis	90

TARTRAZIN BASIS

Tartrazin, foodstuffs grade	1
Uncoloured powder basis	99

As already mentioned, bluish green shades can be produced by means of cobalt green. The following formulas are suggested for the production of pale shades:—

PALE BLUISH GREEN

Cobalt green basis ..	40
Uncoloured powder basis	60

VERY PALE BLUISH GREEN

Cobalt green basis ..	20
Uncoloured powder basis	80

After mixing, the powder should be perfumed and sifted through silk having a mesh of about 120. The same procedure should be adopted in the case of all the other tints. Although, perhaps, bluish green tints are the more effective, yellowish greens are also in demand. These can be produced by using ultramarine in conjunction with tartrazin. Formulas follow:—

PALE YELLOWISH GREEN

Ultramarine basis ..	10
Tartrazin basis	25
Uncoloured powder basis	65

VERY PALE YELLOWISH GREEN

Ultramarine basis ..	5
Tartrazin basis	15
Uncoloured powder basis	80

Mauve shades can be produced in great variety by using ultramarine in conjunction with eosin. Formulas are suggested below, but the ratio between the ultramarine and eosin can be slightly modified in either direction according to whether a bluish or pinkish mauve is desired:—

PALE MAUVE

Ultramarine basis ..	4
Eosin basis	3
Uncoloured powder basis	93

VERY PALE MAUVE

Ultramarine basis ..	2
Eosin basis	1
Uncoloured powder basis	97

Darker tints, sometimes required for theatrical use, can be prepared along similar lines by increasing the proportions of the colouring matters employed.

Irish Free State Budget Duties

THE Financial Resolution No. 2 authorises the imposition of import duties on a wide range of commodities and articles connected with the chemical industry which will affect the retail trade. The Resolution provides for a "drawback" of the duty where the article or commodity is shown to be landed for the purpose of re-export. The new rates of duty came into force on May 11, 1933. The following are the chief items of interest to the chemical trade:—

Articles which, in the opinion of the Revenue Commissioners, are designed, constructed, and intended for use as stoppers for bottles and are made partly of cork, but excluding any such articles of which the top is made wholly or partly of metal or wood. Rate of duty, 30 per cent. Preferential rate of duty, 20 per cent.

Manufactured articles of any of the following descriptions and made wholly or mainly of tin, tinplate, or tinned plate, or a combination of any of them, and imported in bulk quantities, that is to say—(a) containers imported empty, including pans, dishes, trays, basins, baths, bins, buckets, pots, kettles, scoops, funnels, strainers, lockers, and chests; (b) measures of fluids; (c) crown corks; (d) fire extinguishers, whether imported full or empty. The following articles are excluded from the foregoing description, that is to say, articles made from an alloy of which the main ingredient is tin, and also toys, and electrical or gas fittings, apparatus, instruments and appliances, and articles which, in the opinion of the Revenue Commissioners, are surgical, scientific or optical apparatus, instruments, or appliances, or are educational requisites, and containers which have a capacity of not less than ten gallons, and in the opinion of the Revenue Commissioners, are specially designed and manufactured for use by the proprietors of dairies and creameries in the processes of their business. Rate of duty, 45 per cent. Preferential rate of duty, 30 per cent. The duty mentioned is in lieu of the duty mentioned at reference number 15 in the First Schedule to the Finance (Customs Duties) (No. 4) Act, 1932 (No. 34 of 1932). Whenever the Minister for Finance, after consultation with the Minister for Industry and Commerce, so thinks proper, the Revenue Commissioners may by licence authorise any particular person, subject to compliance with such conditions as they may think fit to impose, to import without payment of the duty mentioned any articles chargeable with such duty either, as the Revenue Commissioners shall think proper, without limit as to time or quantity or either of them or within a specified time or in a specified quantity.

Soaps and soap powders, and all descriptions of soap substitutes. Rate of duty, 50 per cent. Preferential rate of duty, 33½ per cent. The duty mentioned is in lieu of the duty mentioned at reference number 10 in the First Schedule to the Finance Act, 1932 (No. 20 of 1932). The duty mentioned shall not be charged or levied on any of the following substances imported otherwise than as a part or ingredient of any article or preparation, that is to say: sodium carbonate, sodium silicate, caustic soda, potassium carbonate, caustic potash, ammonia borax.

Empty glass bottles and empty glass jars of a height not less than two and one-half inches nor more than fifteen inches, but excluding (a) beakers and dropping bottles with a lip or spout; (b) bottles with necks ground to receive glass stoppers; (c) infant and invalid feeding bottles; (d) leclanché jars and articles of a like nature for use in batteries; (e) jars with openings exceeding two and three-eighths inches in external diameter; (f) bottles made of cut glass or imitation cut glass; (g) decanters, carafes, and other articles of a like nature or use; (h) bottles which, in the opinion of the Revenue Commissioners, are made of dark blue or actinic green glass and are embossed with the word "poison" or with the words "not to be taken"; (i) syphons. Rate of duty, 75 per cent. Preferential rate of duty, 50 per cent. The duty mentioned is in lieu of the duty imposed by Section 16 of the Finance Act, 1928 (No. 11 of 1928). Whenever the Minister for Finance, after consultation with the Minister for Industry and Commerce, so thinks proper, the Revenue Commissioners may by licence authorise any particular person, subject to compliance with such conditions as they may think fit to impose, to import without payment of the duty mentioned any articles chargeable with such duty either, as the Revenue Commissioners shall think proper, without limit as to time or quantity or either of them or within a specified time or in a specified quantity.

Absorbent sanitary pads. Rate of duty, 45 per cent. Preferential rate of duty, 30 per cent.

Candles, including tapers and nightlights. Rate of duty, 30 per cent. Preferential rate of duty, 20 per cent. The duty

mentioned is in lieu of the duty imposed by section 18 of the Finance Act, 1924 (No. 27 of 1924).

Quicklime and slaked lime. Rate of duty, 7s. 6d. per ton. Preferential rate of duty, 5s. per ton.

Varnish (whether imported in the form of liquid, or of paste, or of powder) not made with or containing spirit. Rate of duty, if liquid, 7s. 6d. per gallon; if paste or powder, 3s. per lb. Preferential rate of duty, if liquid, 5s. per gallon; if paste or powder, 2s. per lb. The duty mentioned is in lieu of the duty mentioned at reference number 1 in the Second Schedule to the Finance Act, 1932 (No. 20 of 1932). Where any imported manufactured or prepared goods contain as a part or ingredient thereof any article chargeable with the duty mentioned, neither the Customs Tariff Act, 1876, nor Section 7 of the Finance Act, 1901, shall apply in respect of the quantity of such article contained in such goods.

Trade Agreements with Norway and Sweden

PARTICULARS of the trade agreements of the United Kingdom with Norway and Sweden are now available and may be obtained at the Stationery Office, Kingsway, London, W.C.2, price sixpence and ninepence respectively. The agreements have yet to be ratified, and they will then come into operation forthwith.

In the agreement with Norway provision is made for the free import or a reduction in the duty on very few British-made articles of the chemical trade. Glauber's salt is scheduled as a free import; packed salt is free and some kinds of varnish and polishes are to be at reduced rates of duty. In the schedule relating to shipments from Norway landed in this country a number of products of interest are mentioned. The following, amongst others, are to be free imports:—Calcium carbide, crude carborundum, ferro-chromium, nitrate of lime, silico-manganese, talc, titanium ores and concentrates. Whale oil and hardened whale oil is to be liable to ten per cent. *ad valorem* with a provision allowing for the cancellation of this duty in the future. Ammonium nitrate, solid and liquid fatty acids and nitric acid, of grades not liable to key industry duty, are scheduled for lower rates of duty. In connection with Norwegian cod-liver oil the agreement provides that the Customs duty levied on cod-liver oil the produce of Norway on importation into the United Kingdom shall not exceed ten per cent. *ad valorem*, it being understood, however, that this undertaking shall cease to be binding on the Government of the United Kingdom in the event of the coming into force of the provision relating to cod-liver oil which is contained in Article 2 of the Trade Agreement of August 20, 1932, between the Government of the United Kingdom and the Government of Newfoundland. The Government of the United Kingdom undertake to inform the Norwegian Government at the earliest possible date whether the aforementioned provision will or will not come into force.

The agreement with Sweden provides for the reduction of duty and, in some instances, for free imports of British goods connected with the chemical trade, amongst which are the following:—Tallow and various oilseeds, phosphorus, glauber's salt, nickel sulphate, sensitized photographic paper, photographic films, red lead, china clay, etc., etc. Shipments from Sweden landed in this country of the following, amongst others, are to be liable to an *ad valorem* duty of ten per cent.:—Potassium chlorate and sodium chlorate, other than grades liable to key industry duty. Liquid rosin is also scheduled for a duty of ten per cent.

Both agreements are to operate for a period of three years.

"ARCHIVES OF MEDICAL HYDROLOGY."—The May issue (Anno XI, No. 2) of the "Archives of Medical Hydrology" includes four contributions on medical uses of chalybeate waters: the section entitled "Notes on English Iron Waters" is contributed by Dr. Michael Foster (Harrogate), William Shipton (Buxton) and Hugh Williams (Trefriw).

British Chemical Merchants' Meeting

THE tenth annual general meeting of members of the British Chemical and Dyestuffs Traders' Association, Ltd., was held at the Howard Hotel, Norfolk Street, Strand, London, W.C.2, on Tuesday, May 23. Mr. S. J. C. Mason occupied the chair at the trade luncheon which preceded the meeting and was supported by Mr. Victor Blagden, the president, Mr. Harold Gilliat (Leeds), Mr. H. A. Berens, Mr. Henry Wilson (Huddersfield), Mr. A. E. Reed, and other members of the executive.

During the course of the luncheon, Mr. Victor Blagden, the president, in replying to the toast of "The President" said he had been actively connected with the Association since its inception and he was more than satisfied their organisation had justified its existence and that it was essential to the welfare of chemical traders they should have a strong society for their mutual protection and advancement during the present ever-changing conditions. Commenting on the outlook for trade, Mr. Blagden said in spite of orgies of conferences the world's economic and political position was as chaotic as ever and the commercial war between nations continues. If the continual raising of tariffs is going to end in their abolition, then we must not mind putting up with the inconvenience they cause in the meantime. At this moment trade agreements are being rushed through with great vigour, and one wonders why this is being done before the economic conference. These agreements no doubt satisfy some people and are disliked by others. Our economic experts are not very helpful—some tell us we should spend more and others are equally sincere in urging us to economise. It seems pretty evident to commercial people that if you spend a great deal more than your income, you generally end in Carey Street or at some similarly unpleasant place. Then we hear a great deal about inflation in these days, and our bankers tell us that that can never come in England. Why not if the rest of the world indulges in it and thereby raises the price of its commodities. I do not see how with a combined national and municipal debt of nearly ten thousand million pounds we can avoid inflation. These matters may not have any direct bearing on the chemical trade, but they really concern us all very closely. Concluding, Mr. Blagden appealed to the trade to actively support their Association.

Annual General Meeting

The annual general meeting followed the luncheon. The statement of accounts for the year ended December 31, 1932, showing a satisfactory credit balance, was received and approved. The chairman then made his report on the year's work of the Association. In the course of his speech, Mr. S. J. C. Mason (Bush, Beach & Gent, Ltd.) said:—

I have received the unstinted and loyal support of the members of your executive council, who, individually and collectively, have given a good deal of time and thought in the interests of the Association. Our president continues to devote much of his time and interest to the welfare of the Association, and we are fortunate in retaining the benefit of his long experience. Mr. Blagden has also been good enough to sacrifice his personal and business engagements in order to represent our Association at the meetings of the British Standards Institution, and I believe his work in this direction will eventually materially advance the interests of the British chemical merchant. In Mr. Butler, one of our vice-presidents, the Association has a staunch supporter and active worker. Although ill-health prevents Mr. Reynolds of Manchester from taking an active part he still takes a very keen interest in the Association's affairs. Our vice-chairman, Mr. Gilliat, has always been a most enthusiastic worker. I am pleased to say that Mr. Gilliat has at last agreed to be nominated for the office of chairman for the coming year. There is no one better qualified to supervise the interests of the Association. Your Council have suffered

a loss during the year under review through the death of Mr. Francis Price Bayley, of Messrs. Bayley, Clanahan & Co., but on the other hand the Council have been fortunate in securing the services of Mr. Frodsham of Messrs. Jas. Beadel & Co., Ltd., of Liverpool, as a member.

The Year's Work

Dealing with the work of the Association during the past year, Mr. Mason said he believed that the services rendered to members had been performed efficiently and to the satisfaction of all concerned. Valuable assistance has been rendered on all matters relating to the constantly changing import duties and restrictions. The Association continues to enjoy the confidence of the Government departments and other authorities and our views are accepted as fully representative of the chemical and dyestuffs trades. The Association's work in connection with key industry duties continues as in past years, although a good deal of our time is now taken up with general tariff matters. The exemption orders suspending Key Industry Duty on products not manufactured within the Empire continue to be renewed each year, and now orders come along from time to time. A number of articles were recently added to the dutiable list, and it is possible there are one or two items unjustly included. After much controversy and a good deal of opposition the Dyestuffs Act was again renewed for a further period of twelve months. Opposition to this legislation from the consuming industries is becoming greater, and it may be suggested that the period of usefulness of the Dyestuffs Act as such has passed, and it is therefore desirable that the Act should be allowed to expire. The Government has asked the Import Duties Advisory Committee to investigate the position, and this body has already requested your Association to state its views, and, of course, our opinion has been submitted. As you all no doubt realise, much of our attention has been devoted to matters affected by the operation of the Import Duties Act. Applications for alterations in duties are constantly being made to the Import Duties Advisory Committee, and your Association has been frequently called upon to voice the opinion of the trade and on several occasions to represent the views of important consumers.

Customs Difficulties

It is a natural consequence of tariff legislation that difficulties should arise with the department of H.M. Customs. The views of the department and those of your Association do not always harmonise, particularly regarding questions of classification for duty and the values on which duty is assessed, but although I am glad to be able to report considerable progress in this respect there is one matter which is causing inconvenience to importers generally. I refer to the undue length of time taken by Customs to settle cases where goods have been released on deposit. We fully appreciate that the administration of a general tariff is no light task, but, at the same time, there is no reason why a merchant, having paid a deposit, should have to wait months until he knows the amount of duty he will be called upon to pay. Present methods only hinder and restrict business at a time when it should be the general object to increase trade.

The following officers were elected for the ensuing year:—*President*, Mr. Victor Blagden; *Vice-Presidents*, Mr. Frederick T. T. Reynolds and Mr. A. F. Butler; *Chairman*, Mr. Harold Gilliat (Leeds); *Vice-Chairman*, Mr. H. A. Berens; *Hon. Treasurer*, Mr. A. E. Reed; *Hon. Auditor*, Mr. A. Hughes; *Executive Council*, Mr. H. Bridger (O. Murray & Co., Ltd., London), Mr. S. J. C. Mason (Messrs. Bush, Beach & Gent, Ltd., London), Mr. J. F. A. Segner (Messrs. Frank Segner & Co., Ltd., Manchester), and Mr. H. Wilson (Messrs. Cole & Wilson, Ltd., Huddersfield).

The meeting closed with a vote of thanks to the chairman, who briefly replied.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, May 25

THE recent slight but fairly general better tone in the markets is being steadily maintained; values are gradually moving upwards and sellers are not nearly so willing to take the buyer's idea of sales prices. The volume of business has been fair, with some few lines showing an active demand. Exchange rates this week have fluctuated within narrow limits, but the danger of a sudden and considerable movement is holding up forward business. In the pharmaceutical chemical markets business has been about average, and values are all keeping up quite well. The demand this week for citric acid is reported to have been good. In crude drugs some lines have been quite active, particularly tragacanth, which is a firm market. Tonka beans are practically all cleared here and on the Continent. Norwegian cod-liver oil is again dearer and firm for shipment. Gum acacia is a little steadier for shipment. Japanese menthol is dull and irregular. Nux vomica is dearer. Honey is a good market and prices for the manufacturing grades are dearer, with other qualities fully maintained. This article and some others are likely to be of interest at the drug auction. In the essential oils group business is not easy, with competition a feature. Quoted prices are mostly maintained. French colonial orange is again dearer. Japanese peppermint is dull. Sicilian hand-pressed lemon tends gradually to recover. Business in industrial chemicals is only moderate, but at current values the market is generally steady.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	May 25	Value of the £
Amsterdam ...	Fl. to £	12.107	8.41	13/11
Berlin ...	Mks. to £	20.43	14½	14/1½
Brussels ...	Belga to £	35	24.32	13/10½
Copenhagen ...	Kr. to £	18.159	22.45	24/8½
Lisbon ...	Esc. to £	110	110	20/-
Madrid ...	Ptas. to £	25.22½	39½	31/5
Milan ...	Lire to £	92.46	65	14/0½
Montreal ...	Dol. to £	4.86½	4.48½	18/5½
New York ...	Dol. to £	nominal	3.92½	16/10½
Oslo ...	Kr. to £	18.159	19.70	21/8½
Paris ...	Fr. to £	124.21	86½	13/11½
Prague ...	Kr. to £	164.25	113½	13/9½
Stockholm ...	Kr. to £	18.159	19.45	21/2½
Warsaw ...	Zloty to £	43.38	30½	14/0½
Zurich ...	Fr. to £	25.2215	17½	13/10½

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

GENERALLY steady conditions are reported this week and there are only a few minor alterations in values recorded. There is distinctly less price-cutting in some of the convention products. Business is fair and mostly confined to small spot orders.

ACETANILID.—Quoted prices are steady; business limited: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL.—There is a steady flow of small-sized business: 56 lb., 7s.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Dealers are doing a small spot business; forward is very quiet: crystals, five cwt., 18s. 3d.; two cwt., 18s. 8d.; less than two cwt., 19s. 9d. per lb.; with powder 2½d. per lb. extra.

AMMONIUM BENZOATE.—There is not much business moving. Small spot lots quoted from 3s. 4d. to 3s. 6d. per lb.

ASPIRIN.—For the time of year business is quite good, market steady at makers' and dealers' prices: home trade, ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d.; 28 lb., 2s. 11d.; 14 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d. per lb., f.o.b.; less than one cwt., 2s. 11d. per lb., ex works.

BARBITONE.—A good deal of the cheaper material has been cleared; market steadier: spot, one cwt., 13s. 4d.; 56 lb., 13s. 6d.; 14 lb., 13s. 9d.; small parcels, up to 14s. per lb.

BENZONAPHTHOL.—The spot price quoted for small parcels is slightly cheaper at about 3s. 3d. per lb.

BENZOIC ACID (B.P.).—Business has been fairly satisfactory: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' prices are as follows:—

	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
	Per lb. s. d.	Per lb. s. d.	Per lb. s. d.
Carbonate ...	7 7	7 1	6 10
Citrate ...	10 0	9 6	9 3
Nitrate cryst. ...	5 4	4 10	4 7
Oxide ...	11 3	10 9	10 6
Salicylate ...	8 4	7 10	7 7
Subchloride ...	11 0	10 6	10 3
Subgallate ...	8 0	7 6	7 3
Subnitrate ...	6 8	6 2	5 11

A rebate of 3d. per lb. will be allowed on sales of not less than 2 cwt. (either for prompt delivery or on contract) provided delivery is completed or paid for within three months. Liquor bismuth (B.P.) in w-qts., 1s. 1½d.; 6 w-qts., 11d.; 12 w-qts., 9½d.; 36 w-qts., 9d. per lb., quoted without engagement.

BROMIDES.—Ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb. net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—Remains rather quiet; market steady: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Business has been a little better; market still keen: pure alkaloid, 4s. 11d. to 5s. 3d. per lb.; citrate, 4s. 3d. to 4s. 6d. per lb., as to quantity.

CALCIUM LACTATE.—Rather more inquiry; market competitive: spot, one cwt., 1s. 1d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' prices for home trade are very steady: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade is steady at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering imported synthetic at competitive prices; natural acid would be a fraction dearer.

COCAINE.—Makers' prices for this market are fully steady: hydrochloride, 25 oz., 20s. 11d.; 16 oz., 21s. 7d. and less 22s. 3d. per oz.; pure, 25 oz., 22s. 1d.; 16 oz., 23s. 8d.; less than 16 oz., 24s. 4d. per oz.; 1-oz. tins, 2½d. per oz. extra. Export prices vary as to destination.

CREAM OF TARTAR.—More inquiry is reported, with makers' quoted price for home trade for 99 to 100 per cent. material unchanged at 80s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are quoting at about the same rate.

CREOSOTE CARBONATE.—Market is dull and irregular on spot: dealers quote from 8s. 6d. up to 9s. 9d. per lb., as to quantity.

GUAIACOL CARBONATE.—The scale of prices continues at last week's revised level. Spot, two cwt., 8s. 11½d.; one cwt., 9s. 1½d.; less than one cwt., 9s. 6d. per lb. Some offers may be slightly cheaper.

HEXAMINE.—A very fair inquiry continues; market steady: British-made free-running crystals, five cwt., in one delivery, 1s. 11d.; one cwt., 2s. per lb., in one-cwt. kegs, and higher prices for smaller quantities in bags. British rough powder, 1s. 6d. per lb., in kegs; foreign free-running crystals, spot, two

cwt., 2s. 2d.; one cwt., 2s. 2½d.; smaller quantities, up to 2s. 6d. per lb.

HYDROQUINONE.—A steady business is being done and a good deal of the cheaper material has been taken off the market: ten cwt., 5s. 7½d.; five cwt., 5s. 8½d.; two cwt., 5s. 9d.; one cwt., 5s. 9½d.; 56 lb., 5s. 10d.; 28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 6d. per lb., carriage paid.

IODIDES.—Makers' scales of prices for these salts continue at former figures.

LACTIC ACID (B.P.).—A modest business moving on a competitive market: quantities in carboys, 1s. 4½d. to 1s. 5½d.; in winchesters and bottles, 1s. 7d. to 1s. 10d. per lb., as to quantity.

METHYL SALICYLATE (B.P.).—Quoted prices are quite steady; business is disappointing: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Spot business is limited, with values rather steadier; forward moves with exchange rates: two cwt., 19s. 9d.; one cwt., 20s. 6d.; 56 lb., 21s. 3d.; small parcels, 22s. per lb.

METOL.—A little business for small quantities is reported; market steady: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb., in 7-lb. tins, bottles extra. Wholesale distributors' prices for smaller quantities would be at higher rates.

MILK SUGAR.—Not much inquiry, with Continental quoted unchanged: one ton, 52s. 6d.; ten cwt., 53s. 6d.; two cwt., 54s. per cwt., in two-cwt. cases.

MORPHINE.—Makers' prices are as follows:—

	Under 5 oz.	5 oz. and over assorted	For 100 oz. assorted contracts over 6 months	For 250 oz. assorted contracts over 6 months
	oz. s. d.	oz. s. d.	oz. s. d.	oz. s. d.
Morphine:				
alkaloid precip. ...	23 2	22 1	21 7	21 1
meconate ...				
tartrate (neutral) ...				
acetate ...				
hydrochloride powder ...	18 8	17 10	17 4	16 10
sulphate ...				

Fall clause for contracts of 100 oz. and over.

PARAFORMALDEHYDE.—A fair inquiry is being received, with prices keeping steady: 100 per cent. powder, quantities in kegs, 1s. 2½d. to 1s. 3d.; smaller parcels up to 1s. 6d. per lb.

PHENACETIN.—The market has been rather quieter, but there is not so much second-hand cheap material offering: crystals or powder, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

PHENAZONE.—The market is steadier, with the scale of prices not so much discounted; business is limited: crystals, ten cwt., 9s. 10d.; five cwt., 10s.; two cwt., 10s. 4d.; and less, 11s. per lb.; with powder 2½d. per lb. extra.

PHENOLPHTHALEIN.—The market is steady at makers' prices: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels, up to 5s. 8d. per lb.

PHENYL ETHYL BARBITURIC.—There are sellers at less than the quoted prices: one cwt., 36s. 9d.; 56 lb., 38s.; 28 lb., 39s. 3d.; smaller quantities, 40s. 6d. per lb., in 2-lb. bottles, carriage paid; small lots in different packing at higher prices.

POTASSIUM PERMANGANATE (B.P.).—Dealers are doing a steady trade in small parcels: quantities in two-cwt. drums, 8½d. to 8¾d.; druggists' parcels, 9d. to 10d. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—The market is steadier at last week's reduced prices. Spot, two cwt., 5s. 8½d.; less than two cwt., up to 6s. per lb.

QUININE SALTS.—Convention prices are keeping steady: sulphate, 1s. 10d.; bisulphate, 1s. 10d.; ethyl carbonate, 2s. 4½d.; salicylate, 2s. 5½d.; phosphate, 2s. 10d.; hydrochloride, 2s. 3½d.; bihydrochloride, 2s. 6½d.; hydrobromide, 2s. 3½d.; bihydrobromide, 2s. 6½d. per oz., carriage paid on bulk quantities.

RESORCIN.—There appears to be but very little imported material left on spot and holders are firm at 5s. 9d. to 6s. 6d. per lb. for small parcels. British material is quoted as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

SACCHARIN.—Makers' prices are steady for this market: 550, 1 lb., 37s. 6d. per lb., duty-paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—Business is reported to be quiet; market steady: one ton, 1s. 7d.; ten cwt., 1s. 7½d.; five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.

SALOL.—This market is dull, with material offering at cheap rates: spot, crystals, two cwt., 5s. 9d.; one cwt., 5s. 11d.; 56 lb., 6s.; smaller parcels, 6s. 2d. per lb.; powder, 2d. per lb. extra.

SODIUM BENZOATE (B.P.).—There is a fair call for B.P. 1932 quality, with bulk quantities at 1s. 8½d. and smaller parcels up to 2s. per lb.

SODIUM DIETHYLBARBITURATE.—Prices are steady at the recent advance: spot, one cwt., 13s. 9d.; 56 lb., 14s.; 28 lb., 14s. 3d.; 14 lb., 14s. 6d.; 7 lb., 14s. 9d.; smaller parcels, up to 15s. per lb.

SODIUM SALICYLATE (B.P.).—Market is steady, but business is rather poor: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d.; 7 lb., 2s. 7d.; 1 lb., 2s. 8d. per lb.; with crystals one penny per lb. extra.

SULPHONAL.—Market is steadier, but business is small and mostly for spot: crystals, two cwt., 15s. 10d.; one cwt., 16s. 6d.; 56 lb., 16s. 10d.; smaller parcels, up to 18s. per lb.; with powder, 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade is 11½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at about the same prices.

THEOBROMINE.—Not much business; quoted at keen prices: pure alkaloid, 5s. to 5s. 6d. per lb.; sodium salicylate, 4s. 9d. to 5s. 3d. per lb., as to quantity.

THYMOL.—Market is dull and unsteady: synthetic, fine white, one cwt., 5s. 3d.; 56 lb., 5s. 4½d.; 28 lb., 5s. 6d.; 14 lb., 5s. 9d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN.—A fair inquiry is being dealt with; occasional cheaper offers noted: 100 per cent., one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

A REPORT of the drug auction is given at the end of the Trade Report.

ACONITE ROOT.—Dealers offering spot Napellus at 65s. and Japanese at 55s. per cwt.

AGAR AGAR.—Spot remains dull, shipment is steadier and at better figures: spot, Kobe No. 1, 2s.; No. 2, 1s. 10d.; Yokohama No. 1, 1s. 10d. per lb.; shipment, Kobe No. 1, 1s. 6½d.; No. 2, 1s. 4½d.; Yokohama No. 1, 1s. 4½d. per lb., c.i.f.

ANTIMONY.—Market is quoted unchanged. Chinese crude, spot, nominal; shipment, £17 10s., c.i.f. Chinese oxide, spot, £28; shipment, £21 10s., c.i.f.

CAMPHOR.—Very little interest shown in this product, quoted about unchanged: spot, slabs, 2s. 2d.; flowers, 2s. 3d.; tablets, 2s. 7d. per lb.; shipment, slabs, 1s. 10d.; flowers, 1s. 10½d.; tablets, 2s. 1½d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CROVES.—The market has been rather dull, quoted about unchanged on the week. Zanzibar, spot, 5½d.; shipment, July-August, 4½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended May 13 were 100 and the deliveries 140, leaving a stock of 1,471. From January 1 to date, landings of Zanzibar have been 1,745 and the deliveries 1,744. Landings of Madagascar for the week ended May 13 were nil, and the deliveries 5, leaving a stock of 1,102. Landings of Madagascar this year to date have been nil and the deliveries 54.

COCOA BUTTER.—Market is fairly steady, business restricted. English, 8½d. to 10d. per lb., as to quantity.

COCONUT (DESICCATED).—This market is steady, business fair. Spot, fine, 23s. 6d.; medium, 22s. 6d.; shipment, halves, June-July, 19s. 6d. per cwt., c.i.f.

COD-LIVER OIL.—The shipment market for Norwegian is cabled as firm at the further advance with shippers showing little willingness to liquidate stocks, which are reported to be below normal. Fishing results to May 20 are as follows: 131,744 tons of cod and 74,167 hectol. of oil, compared with 153,099 tons of cod and 89,134 hectol. of oil in 1932, and 122,092 tons of cod and 57,254 hectol. of oil in 1931. Finest Lofoten steam refined, non-freezing medicinal oil, 97s. to 100s. per barrel, c.i.f., as to quantity and brand; spot is moving up in sympathy, and is now at about 110s. to 112s. 6d. per barrel, ex store, duty paid. The trade agreement with Norway does not at present affect the position of duty, which will remain

limited to ten per cent. until such time as the Ottawa Agreement with Newfoundland may be ratified, of which due notice is promised.

ERGOT.—There has been a sustained inquiry for this product, and the market is rather firmer.

GELATIN.—A steady business is reported, values unchanged: spot, gold leaf, 2s. 2d.; silver leaf, 2s.; bronze leaf, 1s. 9d.; thin leaf, 1s. 8d. per lb., in cwt. lots.

GENTIAN.—Reported to be in very short supply and firm on spot at 60s. per cwt.

GINGER.—Business has been rather quiet, market steady. West African, spot, 18s. 6d.; for arrival, 16s. 6d. per cwt.

GUM ACACIA.—The spot market remains rather dull and unchanged; shipment is steadier and quoted sixpence dearer.

HYDRASTIS.—Inquiry is limited and mostly for small spot lots, which are quoted at about 4s. 1½d. per lb. ex store.

MENTHOL.—The spot market is irregular and flat: forward is still gradually falling back. K/S brands, spot, 14s. 4½d., and less for bulk quantities, with isolated cheap sellers noted; shipment, April-May, 12s. 1½d.; July-August, 12s. 1½d. per lb., c.i.f.

MERCURY.—Conditions here are unchanged, with a fair amount of spot material moving from £9 to £10 per bottle, ex store, as to quantity. Shipment quotations depend on rates of exchange.

NUX VOMICA.—Shipment market has advanced. Old crop Cochinchina varieties difficult to obtain.

OPUM.—The market has remained quiet, quoted unchanged: bulk quantities from 1s. 0½d.; smaller parcels from 1s. 1½d. per unit, landed and duty paid.

PEPPER.—Quoted values show an improvement on the week, with the market rather quieter at the close. Lampong, spot, 5½d.; shipment, April-June, 4½d.; May-July, 4½d.; August-October, 4½d. per lb., c.i.f. Tellicherry, spot, 5d.; shipment, May-June, 48s. per cwt., c.i.f. Aleppy, spot, 5d.; shipment, May-June, 46s. per cwt., c.i.f. White Muntok, spot, 7½d.; shipment, April-June, 6½d.; May-July, 6½d.; August-October, 6½d. per lb., c.i.f.

PIMENTO.—More inquiry with the market firm as quoted. Spot, 2½d.; shipment, May-June, 22s. 6d. per cwt., c.i.f.

QUASSIA CHIPS.—Dealers are offering small spot lots at about 22s. 6d. per cwt.

QUILLARIA BARK.—Some crushed bark on spot is available at about 35s. per cwt.

RUBBER.—Values are slightly lower on the week, business has been moderate. Standard ribbed smoked sheet, spot, 3½d.; June, 3d.; July-September, 3½d.; October-December, 3½d.; January-March, 1934, 3½d.; April-June, 3½d. per lb. Values recovered, market steadier at the close.

SAFFRON.—Some small business with the market keeping steady: spot, prime B.P., 60s. 3d.; extra B.P., 56s.; super B.P., 53s. per lb., and slightly less for bulk quantities.

SEEDS.—**ANISE.**—Spot, Spanish, 52s.; Bulgarian, 40s., duty paid. **CANARY.**—Market unchanged, spot, Mazagan, 11s. 3d.; Kenitra, 10s. 3d.; Tangier sold at 10s. 9d. **LINSEED.**—Spot, Mazagan, 15s.; Morocco, 14s. quoted. **CORIANDER.**—Morocco 1929 crop, 15s. 3d.; 1932 crop selling at 15s. 9d. spot, duty paid; Wormy, 13s. to 14s. **CUMIN.**—Malta spot all cleared; shipment quoted at 29s., c.i.f.; Morocco, 32s. 6d. spot, and 28s., c.i.f. for old and/or new crop. **FENUGREEK.**—Morocco spot sold at 12s.; Tunisian, 16s. 6d. **CARAWAY.**—Market remains firm, business done at 36s. 6d. spot, duty paid. **MUSTARD.**—English firmer, 22s. 6d. to 34s., according to quality.

SHELLAC.—After further advances the market has fallen back and closes about level; business quieter. Spot, standard TN orange, 60s.; fine orange, 72s. 6d. to 120s.; pure button, 72s. 6d. per cwt.; for arrival, TN, June-July, 52s., c.i.f., for delivery, TN, August, 56s. 6d.; October, 57s. 6d.; December, 58s. 6d. per cwt. Steadier at the close.

SQUILL.—New crop prices for June-July shipment are at about 25s. per cwt.

TONKA BEANS.—Very scarce on spot, and Continental markets are reported to be cleared; values nominal.

TRAGACANTH.—Reports indicate that the market is very firm for the commercial grades up £6 and for the fine qualities over £20; the intermediate qualities are as yet meeting with a restricted demand, but they are firmly held. Business has been considerable in the lower and higher grades during the past week. Stocks are the lowest recorded since 1929; the deliveries so far this year being approximately three times the quantity of arrivals.

TUBA ROOT.—Nothing available on spot; June arrivals, 10d. per lb.

VALERIAN ROOT.—Some cleaned Belgian root is quoted on spot at about 60s. per cwt.

Essential Oils, Synthetics, Perfumery Products, etc.

BUSINESS has been of a routine character and generally for modest quantities. With some few exceptions prices are being steadily maintained and, here and there, indications of a firmer tone forward is recorded. Japanese peppermint remains slack but is not so unsteady this week.

ALMOND.—English sweet in cwt. lots, 2s. 7d.; smaller parcels, up to 2s. 9d.; foreign sweet, 2s. 4d. for cwt. lots up to 2s. 6d. per lb. for small parcels. Market is quiet.

AMBERGRIS.—Spot material is quoted from 25s. for dark up to 122s. 6d. per oz. for the finest quality.

ANISE (STAR).—Spot is dull with isolated cheaper sellers of odd parcels; forward is steadier at the better rates quoted: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8d.; in drums, 1s. 7d.; shipment, in leads, 1s. 7½d.; in tins, 1s. 6½d.; in drums, 1s. 5½d. per lb., c.i.f.

BAY.—This market is now steady as quoted at 5s. 9d. to 6s. 9d. per lb., as to percentage.

BERGAMOT.—Business against shipment offers is slow, with quotations in the region of 5s. per lb., c.i.f., for new crop oil, with old oil at cheaper figures. Spot is dull; quoted from 5s. to 5s. 6d. per lb., as to quantity.

BOIS DE ROSE.—Dealers are offering spot oil at about 4s. 1d. to 4s. 4d. per lb., as to quantity. Shipment is reported to be steadier.

CAJUPUT.—Business is not of much account; spot quoted from 2s. 3d. to 2s. 6d. per lb., as to quantity, for 1932 B.P. oil; green, 2s. to 2s. 1d. per lb.

CHLOROPHYLL.—Dealers are quoting from 9s. 6d. to 15s. per lb., as to strength. Water, soluble, 14s. per lb.

CANANGA.—Business is not of much account. Quoted from 8s. to 8s. 6d. per lb., as to quantity; shipment, 5s. 9d. per lb., c.i.f.

CARAWAY.—Dealers are quoting lower prices for rectified Continental at about 7s. 4d. to 7s. 9d. per lb., as to quantity.

CASSIA.—This market is dull and none too steady: spot, about 3s. 7d.; shipment, 2s. 11½d. per lb., c.i.f.

CEDARWOOD.—Steadier but in limited demand. American, spot, 1s. 8½d., in drums, and 1s. 9½d. per lb. in tins. Colonial, 1s. 8d. in drums, and 1s. 9½d. in tins, for small parcels.

CINNAMON LEAF is about steady, with business slow. Spot, in tins, 2s. 9d. to 3s. per lb., as to quantity; shipment, in drums, 2s. 3d. per lb., c.i.f.

CITRONELLA.—The market seems rather steadier this week but business is still lacking in any volume. Ceylon, which is in limited supply on spot, about 1s. 10d. for small lots; shipment, about 1s. 8d. per lb., c.i.f. Java, spot, about 2s. 7d.; and shipment, about 2s. per lb., c.i.f.

CIVET.—Dealers are quoting spot goods from 9s. to 12s. 6d. per lb., as to quantity.

CLOVE.—Market does not show much life. Madagascar, spot, 3s. 3d. to 3s. 6d. per lb., as to quantity; shipment, 2s. 3d. per lb., c.i.f. English, 4s. 3d. to 4s. 6d. per lb., spot, as to quantity.

EUCALYPTUS.—This market is dull. Australian, 70 to 75 per cent., 11d. to 1s.; 80 to 85 per cent., 1s. to 1s. 1d. per lb. Spanish, 70 to 75 per cent., 1s. 2d. per lb., spot. Less for bulk quantities.

GERANIUM.—There is nothing to record here; Bourbon for shipment is steady, but dull at about 21s. 3d.; genuine oil on spot is short and held for 24s. per lb. Algerian is offering on spot at about 23s. 9d. per lb.

GINGERGRASS.—Business is not of much account; spot quoted at about 6s. 10d. to 7s. 3d. per lb., as to quantity.

GUAIAC WOOD.—Dealers are quoting spot at about 6s. to 6s. 6d. per lb., as to quantity.

JUNIPER BERRY.—Quoted values remain in the region of 3s. 6d. per lb., as to quantity; market is dull.

LAVENDER.—This market is dull and irregular: French, spot, 36 to 38 per cent., 7s. 6d.; 38 to 40 per cent., 8s. 3d. per lb., for small parcels, carriage paid; lower prices for bulk quantities to come forward.

LEMON.—Rather more interest is shown in shipment offers of Sicilian hand-pressed and values are keeping up well; reliable brands are in the region of 3s. 6d. to 3s. 9½d. per lb., c.i.f.; spot, 3s. 6d. to 4s. 6d. per lb., as to quantity. Business continues on a fair scale for Californian with spot in large drums at 48 cents and 49 cents per lb. in small drums.

LEMONGRASS.—The better prices recorded last week are steadily maintained at 2s. 3d. to 2s. 4d. per lb. for small spot lots; shipment, about 2s. 1d. per lb. c.i.f.

LIME.—This market is still dull with West Indian distilled on spot about 33s. to 35s. per lb., as to quantity.

MANDARIN is called for now and again in small parcels: quoted from 13s. to 15s. 6d. per lb., as to quantity.

MIMOSA FLOWER OILS.—Dealers' prices are as follows: Absolute, 27s.; concrete, 8s. 6d. per oz.

MUSK.—Tonquin pod is mentioned at about 60s. per oz. and grain at 87s. 6d. to 90s. per oz. in small lots.

MUSTARD.—The market is steady with spot at 14s. 9d. to 15s. 6d. per lb., as to quantity.

NEROLI.—New crop prices are not yet to hand. Spot, 9s. 3d. to 12s. 6d. per lb., as to quantity.

NUTMEG.—Dealers are offering 1932 B.P. quality on spot at 5s. 6d. to 6s. per lb., as to quantity.

ORANGE.—A further advance is recorded in the shipment price of French colonial and supplies are running short: quoted at 2s. 11d. per lb., c.i.f.; spot, 3s. 4d. to 3s. 6d. per lb. Sicilian sweet is in limited inquiry for shipment and at about 5s. to 5s. 3d. per lb., c.i.f.; spot, about 5s. 3d. to 5s. 9d. per lb. A fair business is being done in Californian on spot at 50 cents for single cases and 45 cents per lb. for two or more cases.

PALMAROSA.—The market remains dull. Spot, 7s. 3d. to 7s. 9d. per lb., as to quantity and quality; shipment, 6s. 10d. per lb., c.i.f.

PEACH KERNEL.—Dealers quote spot from 1s. 2d. to 1s. 6d. per lb., as to quantity.

PENNYROYAL.—Business is limited: spot quoted from 4s. 8d. up to 5s. per lb. for small lots.

PEPPERMINT.—Business in the Japanese product remains poor both for spot and forward. Spot, 5s. 6d. to 5s. 7½d.; shipment, April-June, 5s. 2d.; July-August, 5s. per lb., c.i.f. On Thursday morning the market was still dull with forward values rather easier for distant positions. The American oil is firm and shipments offers continue restricted; natural oil, in drums, 2 dollars 35 to 40 cents per lb., c.i.f.

PETITGRAIN.—The market is rather quiet: spot, 4s. 3d. to 4s. 6d. per lb., as to quantity; shipment, about 3s. 8d. per lb., c.i.f.

PIMENTO.—This market is steady as quoted at 6s. to 6s. 6d. per lb., as to quantity.

ROSE.—Some occasional inquiry. Bulgarian, first-class own distillation, from 45s. per oz. Peasants' quality, about 35s. per oz. Anatolian, 28s. to 30s. per oz.

ROSEMARY.—Rather more inquiry. Spanish, good quality, 1s. 8d. to 1s. 10d. per lb., as to quantity.

SAGE.—Dealers are quoting spot at about 1s. 10d. to 1s. 11d. per lb., as to quantity.

SANDALWOOD.—The official prices for genuine East Indian are steady at 24s. to 25s. per lb., as to number of cases. English-made West Indian is moving well and steady: one cwt., 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb.

SASSAFRAS.—Natural oil is mentioned at anything from 4s. to 5s. 6d. per lb., as to quality; artificial at cheaper figures.

SAUGE SCLAREE.—Dealers' prices are slightly cheaper in the region of 5s. per oz.

SPEARMINT.—Spot is about steady as quoted at 7s. 9d. to 8s. per lb. for limited quantities; shipment steadier at 7s. per lb., c.i.f. in cases.

SPIKE.—A moderate business is reported. Good-quality Spanish, spot, 3s. 3d. to 3s. 5d. per lb.

VEITIVERT.—The market is a shade better. Bourbon, spot, 17s. 3d. to 17s. 9d. per lb., as to quantity.

WINTERGREEN.—Dealers quote from 7s. to 7s. 6d. per lb. spot, as to quantity.

WORMSEED.—The market is a little steadier at current low values. Spot, about 11s. per lb. in 25-lb. tins; shipment, about 9s. 6d. per lb., c.i.f., for quantities.

YLANG YLANG.—Dealers are quoting from 20s. 6d. to 27s. 6d. per lb., as to quality and quantity.

The following are current quotations for synthetics, etc.: Acetophenone, 6s. to 6s. 4d. per lb.; amyl acetate, pure, 122s. 6d. per cwt., technical, 107s. 6d.; amyl salicylate, 2s. 4d. per lb. for cwt. lots, up to 2s. 9d.; aubepine, ex para cresol, 8s. 3d. to 8s. 9d. per lb.; benzaldehyde, f.f.c., 2s. to 2s. 6d. per lb.; benzyl acetate, f.f.c., 1s. 6d. to 1s. 10d. per lb.; benzyl alcohol, 1s. 11d. to 2s. 3d. per lb.; bromstyrol, 100 per cent., 11s. 3d. to 11s. 6d. per lb.; butyric acid, 3s. 3d. to 3s. 6d. per lb.; citral, chemically pure, 8s. to 8s. 6d. per lb.; coumarin, 13s to 14s. per lb.; ethyl phthalate, 2s. 3d. to 2s. 6d. per lb.; eugenol, 7s. 6d. to 8s. per lb.; geraniol, ex palmarosa, 16s. to 18s. per lb.; heliotropin, 100 per cent. crystals, 4s. 11d., in cwt. lots up to 6s. per lb., as to quantity; iso eugenol, 9s. 3d. to 10s. per lb.; methyl anthranilate, 6s. 9d. to 7s. 6d. per lb.; mirbane, 7½d. to 10d. per lb.; musk, ketone, 33s.; ambrette, 30s.; xylol, 8s. per lb., with bonus for quantities; phenyl ethyl alcohol, 8s. 6d. to 9s. per lb.; saffrol, 1s. 2d. to 1s. 9d. per lb.; terpineol, 1s. 4d. for ton lots up to 1s. 9d. per lb. for small parcels.

Java Citronella Oil Exports.

EXPORTS of Java citronella oil for the years 1926 to 1932 inclusive and for the first four months of this year are as follows:—

	1926	1927	1928	1929	1930	1931	1932	1933
January ...	Tons 104	Tons 107	Tons 104	Tons 68	Tons 57	Tons 74	Tons 63	Tons 107
February ...	100	135	98	72	62	73	83	114
March ...	118	100	81	107	63	69	72	103
April ...	105	90	114	82	79	72	91	110
Total, January-April ...	427	432	397	329	261	278	309	434
May ...	73	90	184	121	63	78	70	
June ...	95	132	109	43	48	73	76	
July ...	110	94	78	80	68	87	84	
August ...	81	88	77	77	86	50	79	
September ...	95	141	58	66	70	94	83	
October ...	108	96	91	55	68	77	86	
November ...	93	122	77	41	70	60	92	
December ...	100	117	69	55	81	78	112	
Total, January-December	1,182	1,312	1,140	867	815	885	991	

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," May 17, 1933.)

- "PRYCE'S KUREKOFF" with design incorporating monogram "G P" and facsimile signature ("Pryce's Kurekoff" disclaimed); for a cough mixture for horses (2). By G. Pryce, "Springfield," Bunbury, Tarporley, Cheshire. 538,442.
- "A V A" ; for medicated soap (3). By Ava, Ltd., 9 Park Hill, Clapham, S.W.4. 536,602. (Associated.)
- "SELAETOL" ; for preparations of lactic acid, bicarbonate of soda and burnt sugar (3). By P. J. T. Pickthall, Selactol Works, Water Lanes, Minsterworth, Gloucestershire. 538,514.
- "VERISAN" ; for medicinal chemicals (3), surgical instruments, etc. (11) and for perfumery, etc. (48). By Taylors (Cash Chemists) Midland, Ltd., 347 Burley Hill, Leeds. 539,056/057/058. (Associated.)
- "SARIDONE" ; for analgesic and sedative medicines (3). By The Hoffmann-La Roche Chemical Works, Ltd., 51 Bowes Road, London, N.13. 539,164.
- "SILATEX" ; for all goods (3) excluding liver salt and the like. By Leslie & Homes, Ltd., 3A Terminus Road, Littlehampton. 539,253.
- "BILBRA" ; for medicines for catarrh, biliary gravel and gallstones (3). By C. H. Hedberg, 22 Buckingham Palace Mansions, London, S.W.1. 540,456.
- "EKULTON" ; for medicinal chemicals (3). By Naamlooze Vennootschap Organon Tot Bereiding Van Organen-Preparaten op Wetenschappelijk Grondslag, Kloosterstraat, Oss, Holland. 540,610.
- "RUB-U" on circular label design; for a solidified liniment and embrocation (3). By Leicesters (Burslem), Ltd., 38 Market Place, Burslem, Stoke-on-Trent. B533,429.
- "AQUILOX" ; for medicinal chemicals (3). By E. P. & C. A. Nicholson, 11 King's Road, Richmond. 540,226.
- "SODRAL" ; for medicinal chemicals (3). By R. Reeves, 1 Church Street, Oswestry. 540,650.
- "PANLITOL" ; for medicinal chemicals (3). By Armour & Co., Ltd., St. Martin's-le-Grand, London, E.C.1. 540,662.
- "CARRO" ; for toilet powder (48). By Carter Bros., 45 Valley Road, Shipley, Yorks. 539,172.
- "CLORINDE" ; for creams, powders and cosmetics (48). By D. S. Mackinlay, 41 Portman Mansions, London, W.1. 539,348.
- "OUTDOOR GIRL" under design of girl with golf club; for perfumery, etc. (48). By Crystal Products, Ltd., 53 Farningdon Road, London, E.C.1. 540,537. (Associated.)
- "SCENTAINER" ; for perfume containers (50). By C. Bristow, 18 Vancouver Road, Forest Hill, S.E.23. 538,889.

APPLICATION AMENDMENT

According to "The Trade Marks Journal" of May 17, 1933, the specification for "MONTOID" in Class 3, No. 539,245, by Leslie & Homes, Ltd., has been amended to exclude medicated confectionery.

London Drug Auction

*Commercial Sale Rooms,
Mincing Lane, E.C.3.*

May 25.

At the drug auction held to-day, nine catalogues were submitted; the offerings were rather moderate. The demand throughout was somewhat restricted, but some progress was made in certain directions. The feature of the sale was the brisk demand for bleached cardamoms, practically all the offerings being readily cleared after keen competition. Rhubarb was rather quiet, but firmly held. Honey was quiet in sale, but privately is firm, especially for the better grades. Benzoin, Sumatra, met with a steady demand, with prices unchanged for good almondy block. Sarsaparilla was steady but quiet. Buchu was in plentiful supply, and some very fine new crop leaves were on offer, but were generally neglected. Tinnevely senna was steady, with leaves still in limited supply. Dragons Blood met with no demand in auction, but prices were fully maintained for the finer grades of re-boiled Singapore lump. Aloes were in ample supply but demand was restricted.

ALOES.—Cape: 22 cases on offer consisted mainly of fair hard bright, five cases, good fair to slight drossy were sold cheaply at 35s. per cwt. For good bright, free from dross, 40s. to 41s. was asked; Curaçoa, 130 cases were offered, but were mostly retired, good liver at 80s. darkest, part coarse 67s. 6d., dark capey 62s. 6d. per cwt. "in bond." Zanzibar, sixteen cases were offered and retired, good liver in leaves 75s. and dark ditto at 65s., which price was also wanted for skins.

AMMONIACUM.—Seven packages of fair drop part blocky retired at 1s. 1d. per lb.

ANNATTO SEED.—Some 59 bags of Jamaica held for 4d., at which price sales are being made privately; 25 bags Madras and 35 bags Marmagoa were bought in without response.

BALSAM.—Twenty-five cases of *Tolu* were catalogued, and consisted of fair soft, and were retired at 3s. 5d., at which price sales are being made privately. *Copaiba*, nothing was on offer, and we understand that supplies are now almost exhausted, and some of the holders have withdrawn from the market for the time being.

BENZOIN.—Sumatra. In fair supply and good almondy block was held for £7 10s. A bid of £7 5s. was not accepted in auction. Ordinary to fair seconds, £6 10s.; thirds, 90s. to £5 5s., according to quality. Siam.—There was a fair selection on offer, and prices ruled the same as at the previous auction. Palembang.—Nothing was on offer, and stocks are very short.

BUCHU.—Offerings were neglected. Several parcels of fine green round leaf were withdrawn from 1s. to 1s. 1d.; ordinary to fair, 10d. and 11d.; yellowish, 9d. and 10d. Ovals, fair green, retired at 8d.; and bronzy at 7½d. per lb.

CALUMBA.—Twenty bags of washed were available at 20s. per cwt. The market at present is almost bare of supplies of natural root.

CARDAMOMS.—There was a very active demand for the bleached quality and practically everything on offer was cleared, smaller sizes showing an advance of several pence on previous rates.

CASCARA SAGRADA.—A parcel, consisting of about one ton of 1931 peel (1933 arrival), was sold at 60s. per cwt., gross for net, "in bond."

CASSIA FISTULA.—Twenty-six bundles of E.I., rather wormy, were withdrawn at 15s., at which price sales are reported privately.

CHAMOMILES.—A parcel of 7 bales of Belgium, good fair mixed flowers, was limited at 140s. per cwt.

COLOCYNTH.—There were 64 bales on offer, which were retired at 6d. to 8d. per lb., as to quality.

CUBEBS.—A lot of 8 bags, of fair Singapore berries, was limited at £9 10s. per cwt., duty paid.

CUS CUS ROOT.—A lot of seven bales Indian fair fibrous were limited at 20s. per cwt.

CUTTLE FISH.—Fifteen cases of fairly bold bone, part broken, were retired at 9d. per lb.

DRAGONS BLOOD.—No sales were made in auction. A good selection was on offer, comprising fine reboiled lump, which was limited at £30 per cwt., "in bond"; fairly good, ditto, at £27; good pickings, £18 to £22. Reeds, £14 and £15 per cwt.

EUCALYPTUS OIL.—Thirty-five cases of white, 78 per cent., were retired at 11d.; fine drums, ditto, at 10d.; four drums, 72 to 73 per cent., at the same figure.

GAMBOGE.—15 cases were offered and retired; good to fair Siam pipe at £14 per cwt. "in bond," pickings at £12.

GUAIACUM.—There was a fair supply, and 26 packages were catalogued, prices ranging from 1s. 6d. to 1s. 9d. for fair to good glassy block. Three cases had been sold prior to the auction.

GUM ACACIA.—Practically nothing was sold in auction, but privately the forward market is dearer.

HENNA.—43 packages were catalogued and retired; good green and also brown leaves at 23s. per cwt.

HONEY.—There was not much bidding in auction, but a very fair business is being done privately, especially in better grades of Jamaica. Values for all kinds and grades are fully steady.

IPÊCACUANHA.—Quiet but steady. Fourteen bales offered and retired, Matto Grosso at 4s. 9d. and Minas at 4s. per lb.

JALAP.—A lot of Vera Cruz, testing 11.2 per cent. resin, retired at 1s. "in bond," a bid of 10d. per lb. being refused.

KAMALA.—A parcel testing five per cent. ash was held for 1s. 1d. per lb.

KOLA NUTS.—Five bags of dark and rather inferior W.I. halves were bought in at 2½d. per lb.

MASTIC.—Fresh arrivals, consisting of 37 cases in all, were on offer: good No. 1 bright was limited at 1s. 6d. per lb "in bond."

MYRRH.—Steady, but quiet. Fairly good Aden sorts were limited at £6 10s. per cwt. "in bond" and a small lot of dark woody sorts were sold prior to auction at 75s. per cwt.

OLIBANUM.—In fair supply; medium drop retired at 55s. to 60s. per cwt. Siftings, 40s. to 45s. per cwt.

ORANGE PEEL.—The thin cut Tripoli had been disposed of prior to the sale, with the exception of two cases of very dark, which were withdrawn at 5d. per lb., in bond.

QUINCE SEED.—One bag of Cape of good quality was retired at 4s. 3d. per lb.

RHUBARB.—A good selection offered; owners' ideas being rather firmer. Shensi was held for 4s. 3d. to 4s. 6d.; pickings at 3s. 3d. per lb. Canton was limited at 2s. 8d., and a parcel of less desirable quality was available at 2s. 3d.; pickings at 1s. 9d. High-dried, flat, was held for 2s. 1½d. to 2s. 2d., and rough coated flat of good colour at 1s. 7d.; round horny, 1s. 2d. to 1s. 4d. per lb.

SARSAPARILLA.—Values were unchanged. Fair grey Jamaica retired at 1s. 8d. per lb., "in bond." Native Jamaica 1s. to 1s. 2d., duty free. Honduras, two parcels retired at 1s. 11d. to 2s. 1d. per lb., "in bond."

SENNA.—Alexandrian in fair supply, but no really fine hand-picked pods were on offer. Medium to fair pods, 2s. to 2s. 6d.; manufacturing, 4d. to 6½d. Tinnevely was slow of sale and mostly withdrawn; small brownish leaves, rather stalky, 2d. to 2½d.; pods, at from 4d. to 6½d. per lb., according to quality.

STROPHANTHUS SEED.—Steady. A parcel of 100 per cent. Kombè was held for 4s. 8d. per lb.; this price is being secured privately.

TURMERIC.—There were 98 bags offered and retired; fair Madras finger at 24s. and Cochín, split bulbs, at 17s. 6d. per cwt.

TONKA BEANS.—Very scarce and nothing was available in auction. Privately there has been a brisk demand at advancing prices.

WAX.—Nothing was offered in auction, but privately the market is fully steady.

(Next drug auction: July 20)

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Council Election

SIR,—May I through your valuable columns express my gratitude to the electors for their expression of confidence in again returning me as one of their representatives to the Council of the Society? It will continue to be my paramount duty to look after their interests and to strive for equality of treatment for all classes in pharmacy.—Yours faithfully,
Maryport.

THOMAS HARDY.

SIR,—May I seek the courtesy of your columns to convey to the electors an expression of warmest thanks for the confidence implied in their emphatic vote of last week?—Yours, etc.,

THOS. GUTHRIE.

Glasgow.

SIR,—I shall be pleased if you will allow me the courtesy of your columns to thank all those members of the Society who worked and voted for me at the Council election. With only about 100 more voting above last year's number, I secured 900 more votes. I still believe I can render a great service to pharmacists in business, and I go forward with confidence to that success which cannot long be delayed. Unfortunately the recent election was marred by two incidents which reflect no credit on those responsible for them. . . . Such tactics introduced into our Council election will cause members to think seriously of the motive behind them. I leave it at that, confident that in the future I can rely upon members of the Society to see that fair play is given to every candidate.—Yours faithfully,
Little Chalfont.

J. F. MCNEAL.

Daffodil Poisoning

SIR,—Burgis & Colbourne, Ltd., of Leamington Spa, have asked me to write to you concerning daffodil poisoning. I have been treating, recently, four cases, and they all present very similar features, namely, papulo-pustular rash on the hands, especially on the palmar aspects and also on the dorsum of the fingers, i.e., the surface which actually comes in contact with the stems. There is intense itching but no general disturbance. Unlike cases of allergic eczema, such as due to orchids, the rash is strictly confined to the portions of the skin directly in contact with the irritant. The treatment consists simply in abstention from handling the flowers, and in application of a bland lotion.—Yours faithfully,

G. L. LEVIN, M.B., B.S. (Lond.).

Leamington Spa.

Liquor Arsenicalis

SIR,—I was very interested in the various articles written about "liq. arsenicalis, B.P., 1932," so I decided to make a small quantity myself, so that I could give you some information of the keeping qualities of this preparation in far-away South Africa. I made 100 c.c. liq. arsenicalis, B.P., 1932, on April 6, and placed it next to our shop round. I looked at it for the first few days, during which time I opened as well as shook the bottle occasionally. After that I did not look at it until to-day, April 25, and noticed quite a lot of fungoid growth in the bottle. At the time of making I also noticed a trace of arsenic that was insoluble.

Yours faithfully,
J. F. BOTHA.

Port Elizabeth, S. Africa.

Varying Profits

SIR,—I should like to reply to "Provincial" (C. & D., May 13, p. 526), particularly as he raises an aspect of the subject that has not yet been discussed. He assumes that if the returns of a business amount to

£1,500 per annum, a junior assistant is necessary. I question this and give my own personal experience in retail business in pre-war years. For many years my annual returns were round about £1,500; just prior to the war they amounted to £2,000, but I carried on single-handed. This was in days when these amounts implied much more work than to-day, when values are greater and more of the returns of the average chemist are for proprietaries and toilet articles. I had also a fair amount of N.H.I. dispensing, as well as private work; in addition I did a fair amount (for a small business) of sight testing. The work was undoubtedly strenuous, and one could only with difficulty get a day off, apart from a holiday of a week or so occasionally. But the saving of the wages of an assistant made a welcome increase of net profit; it was well worth the extra work and trouble, and meant many comforts and also a few luxuries. It would be interesting to know the amount that a single-handed chemist can get before it is necessary to call in the services of an assistant. My estimate is from £1,500 to £2,000; this presupposes a well-organised pharmacy, very little putting up of stock and not too much dispensing.—Yours, etc.

COUNTRY CHEMIST (15/5).

Gift Schemes

SIR,—I suppose the blood of many retail chemists is at boiling point over a recently announced offer, but alas, to keep on boiling is but to run dry! Instead of boiling further, could we not introduce a little spinal effort into things? I know there are many who will always stand boldly with the crowd, but just a few who are prepared to stand alone, crowd or no crowd, will often lead to the great stand later. What we really want is a Bill for Prevention of Cruelty to Pharmacists (sorry! Chemists). Profession? How can we boast of even distant relationship to a profession when we aid and abet such things? "The stores will get the trade," I hear some saying. Let them, by all means. I counsel all chemists who will cut the thing dead, as I certainly shall, to use the opportunity to their own benefit. Let them issue a circular to their customers and state definitely that they recommend the wisdom of purchasing goods which have no "gift aids" to sell them. Incidentally, has it occurred to any local body of private chemists to unite in a public advertisement plainly stating their reason for refusing to handle such goods? It would do the future "gift firms" a power of good.

Yours, etc.,

BACKBONE (24/5).

Prospects in Pharmacy

SIR,—"Country Chemist" (C. & D., May 13, p. 525), commenting on the article written by "Critique" on the "Prospects in Pharmacy," shows a vein of optimism which is hardly justified by the general conditions of pharmacy at present, especially when he says that there are more opportunities to-day for young pharmacists to open new businesses, and to make a modest income from the first year, than ever before. Any district where a dozen new pharmacies have been opened and have done well in the last three years must be an extraordinarily prosperous one, and one which has happily escaped the depression affecting all trades alike. And in the older localities a new business does not create new residents; it merely takes some custom from each of the established traders, thus spreading the custom and lowering the returns individually, as many of us have experienced. Without being a pessimist, I would point out that the majority of businesses have experienced a very considerable drop in returns during the last three years; there are districts where, contrary to the experience of "Country Chemist," new pharmacies have soon changed hands because the original proprietors could

not hold on, and a few of them have closed down entirely. If "Country Chemist" refers to the Supplement in the same issue of the *C. & D.*, he will find that there are nearly six columns full of advertisements of shops for sale, including agents and private sellers; have all the chemists advertising these concerns made so much money out of them that they are retiring on their means? It is admitted that there are several hundreds of qualified men unable to find work; if the flourishing conditions described by your correspondent were of general application, is it not a certainty that chemists already established for years would have secured some of that trade with the accompanying necessity for increasing their staffs, and so absorbing many of those young men who are at present at a loose end? Any young pharmacist thinking of commencing business would be well advised to make every inquiry as to the needs of the locality, the number of pharmacies already open in comparison to the population, the expenses of opening, overhead charges, competition from stores, chain shops, bazaars, and so on before lightheartedly taking premises with the idea that he will net £500 a year or so for himself from the start.

Faithfully yours,
OLD HAND (22/5).

Marketing a Proprietary

SIR,—“Sales Manager” (*C. & D.*, May 13, p. 518) gives advice on selecting a name for the speciality one wishes to market, and states the requirements for the name to qualify for registration as a trade mark. Yet there are well-known articles with registered names which do not seem to comply with these rules. It is a fact that the name may make or kill a proprietary. I can remember one excellent perfume, with its accompanying powder and cream, which every purchaser agreed were good, but they never acquired a real market because the name was too difficult for most people to pronounce, and English customers have a great objection to appearing ignorant or ridiculous. On the other hand, many of the best sellers have names which consist of only one or two syllables, and thus remain in the mind; yet frequently these names have no connection at all with the ingredients or application of the remedy, though this does not seem to matter so long as they are catchy. The carton plays an important part in “putting the article over,” and even with a chemist's own proprietaries is well worth the extra outlay. I had one line which had a fair sale but was put up in a plain bottle without any wrapping or carton. In view of the appreciations of customers who had tried it I considered that it ought to sell much better and so decided to pack it in an attractive carton, with the result that the first time it was displayed in the new pack the turnover went up immediately. It would be interesting to know the origin and initial purpose of the carton as a pack for bottled remedies. One thing should be borne in mind when designing a carton, namely, that the designation of the article stands out prominently; the reverse and the sides are frequently made use of to advertise other remedies, and one I handled recently was so printed with different names in exactly similar type that I had to open it to find out which one it contained. The screw-capped container is a great convenience in many ways; it is easy to affix, it saves the time and expense of capping after corking, it is easy for the customer to remove, and there is no trouble with broken corks, but when used for bottles containing liquids it has one great drawback. Customers frequently bring bottles to purchase loose drugs, and while a soiled cork can be replaced by a new one the screw cap goes on for ever. With regard to price, it is probably true that a shilling toilet cream will not necessarily replace a 1s. 3d. one solely on account of the 3d. less in cost, but the fact remains that if the proprietors of the 1s. 3d. line bring out a 6d. size then the sales of the larger tubes become negligible in proportion. The figures given to work out the price are illuminating. After the cost of containers, labour, overheads, and so forth, what percentage of the price should be the cost of the actual product?

Yours faithfully,

MARKETT (24/5).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. T. (Enniscorthy) is informed that a letter addressed to him has been marked “not known” by the postal authorities and returned to the *C. & D.* Office.

D. R. C. (24/58).—EAU DE QUININE.—The following is a formula for an inexpensive eau de quinine:—

Quinine hydrochloride	.. ..	10 grains
Tincture of cantharidin	.. ..	1 drachm
Tincture of capsicum	.. ..	20 minims
Glycerin	.. ..	30 minims
Bay rum, prepared with industrial methylated spirit	.. ..	to 20 ounces
Tincture of cudbear	.. ..	sufficient to colour.

This yields a satisfactory quinine hair lotion and should meet your requirements.

A. F. N. (11/4).—SANCTUARY OIL.—We believe the Greek Church insists upon the use of vegetable oil only in the lamps which burn in the church sanctuary. In this case a mixture rape oil 3 parts, cottonseed oil (separated from stearin) 1 part, linseed oil 1 part is used. Where it is permissible to mix mineral oils, the proportion of thin liquid paraffin to colza oil varies from 20 to 60 per cent. Deodorised paraffin oil as a diluent is employed for some purposes, e.g., cycle-lamp oil, but for churches liquid paraffin is the mineral oil used.

A. E. B. (15/48).—LENDING LIBRARY.—A lending library as a side-line is a means of attracting customers for more profitable lines. A stock of several thousand bound books is required to form a library which would satisfy the tastes of the majority of readers, and this would have to include a selection of recently published books. The second-hand catalogues of the large lending libraries are good sources of information in this respect, and publishers' catalogues furnish details as to what editions of standard works are in print. A collective publishers' catalogue is published annually, and the “Publishers' Circular” issues catalogues of books covering definite periods. The usual methods of conducting the library are:—(1) Annual subscription and payment by customer per volume; and (2) deposit on each volume (retail price), and fee (which may be 3d. or 6d. per volume). Any book retained is charged at replacement value, and a charge is made for obvious damage. An agency for one of the large lending libraries, which would involve a subscription to the library covering an exchange of from 25 to 100 books at a time, would be an easy way to begin.

Retrospect of Fifty Years Ago

Reprinted from

“The Chemist and Druggist,” May 15, 1883

The Quinine Market

Prices are again lower. Howards', 7s. 6d. in 1-oz. bottles; Pelletier's, 7s. 3d. in 1-oz. bottles; German and Italian, 5s. 9d. to 6s. per oz. in tins. A remarkable and unprecedented sale of this article took place last week, when no less than 80,000 ounces was offered for public sale in one day in different parts of the world. The enormous quinine speculation which took place some eighteen months since will be fresh in the minds of many of our friends, and this quantity is part of what was then manufactured to meet the demand during that rush, and has since been held in reserve. . . . Seldom has such a gathering of the heads of the London drug trade taken place as was witnessed in No. 3 Room. . . . Every lot was sold, and the whole of this valuable sale from beginning to end occupied just eighteen minutes, fully justifying Mr. Peat's final remark, “Thank you, gentlemen; I should like this sale every week.”

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LEAVING THEM SPOTLESSLY CLEAN

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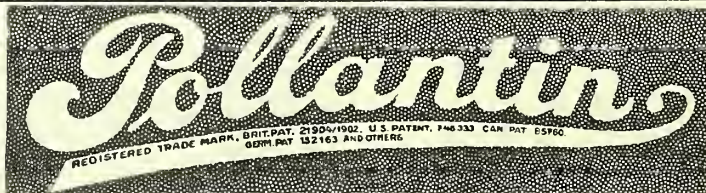
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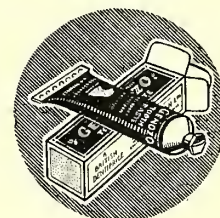


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10½d. size, 8/6 per doz.
1/3 " 12/- "
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Less 5% dis. on £6 orders.
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MAINTAINED

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which include unique packs of Dextrose Confections and their famous
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Depots at: LONDON, BIRMINGHAM, EDINBURGH, etc.

SHEFFIELD 4

PURE RUSSIAN LIQUID PARAFFIN MEDICINAL B.P.

ALL GRAVITIES.

HIGHEST VISCOSITY.

PURE RUSSIAN "JASMINE" BRAND WHITE OILS

CHEMICALLY PURE.

WATER WHITE.

ODOURLESS.

FOR MANUFACTURING PURPOSES.

*Competitive Prices.**Best Quality.**Immediate Delivery.*

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Two factors operate to produce for you the maximum 'ASPRO' sales. One is the 'ASPRO' advertising to the public which is carried on by the largest newspaper campaign of its kind in the world, backed up by periodic distribution of broadsheets and booklets into almost every home in the country. The other is the vast window display service available for all chemists. When you show an 'ASPRO' window display you definitely connect up with this huge advertising campaign. You obtain direct benefit in greater 'ASPRO' sales and additional benefit from the sale of other goods which you can sell to customers who come into your shop for 'ASPRO'. It definitely pays to show 'ASPRO' display matter in your windows continuously. Frequent changes are available so it does not get out of date. You can also increase your sales by utilising the 'ASPRO' advertising bag and envelope service. You make a definite saving, too. The prices are given below. Then there is the 'ASPRO' bonus which is equivalent to 17 per cent. extra profit if you buy 'ASPRO' on bonus terms. Why not order a bonus parcel through your wholesaler to-day and write us for an 'ASPRO' window show and a supply of bags or envelopes so as to obtain the maximum benefits from the large amount of 'ASPRO' sales that are about.



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Kristal Envelopes	-	-	2/6 per 1,000	} Cash with Order
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Telephone: SLOUGH 608

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made by ASPRO LTD., Slough, ENGLAND

No proprietary right is claimed in the method of manufacture or the formula.

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REG. TRADE MARK

For OVER 75 YEARS

Dr. J. Collis Browne's
CHLORODYNE

has maintained a
WORLD-WIDE REPUTATION

TO-DAY'S DEMAND BEING
GREATER THAN EVER.

**ARE YOU GETTING
YOUR SHARE OF
THIS INCREASE?**

Be sure you hold stocks
to meet the demand and
remember that

Dr. J. Collis Browne's
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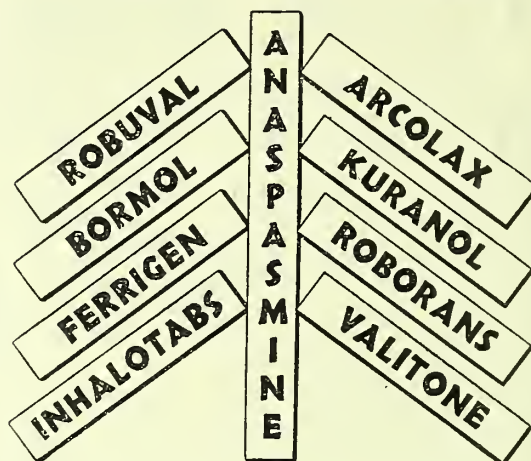
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NEW PRICES FOR THE TRADE:

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This old fashioned remedy is now packed in Display Outers.

Bonus of 2 Bottles to every dozen is given for Window or Counter Display.

Send for one of our neat and striking showcards.

Order this through your Wholesaler or direct. Regularly advertised.



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THE UNFAILING REMEDY for INFLUENZA is H. B. T. FLU' PILLS

Used with unbroken success for over 20 years for Influenza—Pleurisy—Pneumonia—Rheumatic Fever—Lumbago, etc., and with signal success in the present epidemic. A polychrest with remarkable and extensive healing powers. Recommend them to your clients and gain their gratitude.

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For thousands of people Box's Pills are the standard remedy for all digestive disorders. The demand is steady and increasing—largely through the recommendations of users.

To secure your share of the profitable flow of business it is necessary to inform the demand which passes by your establishment. Telling window and counter display material is free on request.

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GIANT PILL
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BOX'S INDIGESTION PILLS

PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
And All Other Grades To Suit Every Purpose.
CHEMICALS FOR ALL INDUSTRIES.

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(VINUM AURANTII B.P. 1914.) Prepared in strict accordance with the Formula of the British Pharmacopoeia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

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As Imported or Finely Powdered

WHITE SHELLAC

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FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.

Trial size sd. per doz. 6/-

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Handpicked and carefully graded pods. Quantities and packing to suit individual requirements.

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FENOLIN for Whooping Cough
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ON P.A.T.A. 4oz. (1/5) 11/-

MEDICAL FLATS, PANELS, POISONS

Good Quality
Keen Prices

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Buy from the
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For all chemists' purposes

WRITE NOW for samples and prices.

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THE BIG SIX SELLING LINES

SCOT TISSUE—an extremely soft, pure, white absorbent Toilet Roll.

1,000 sheets to the Roll.

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Trade price 3/6 dozen, carriage paid.

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Cachet CLOSING and FILLING machines
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Free from all impurities. Highest activity.
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ALL SPECIFIC GRAVITIES GUARANTEED TO REMAIN BRIGHT AT 0°C.

B.P. WHITE & YELLOW PETROLEUM JELLIES

WHITE AND HALF WHITE OILS

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Telephone Sloane 3461 (7 lines)
Telegrams "Dicotto, Phone, London."
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ACECOLEX

A trophic paste containing Acecoline for the treatment of
Varicose Ulcers, Atonic Wounds, etc.

Tubes of 35 gm. Retail 6/-. Wholesale 56/- per dozen
" 105 " " 13/6. " 126/- "

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Bromide Salts of synthetic Choline derivatives with Chloral
for the sustained relief of Arterial Spasms.

Bottles of 44 Tablets. Retail 6/-. Wholesale 57/- per dozen

Your co-operation in promptly obtaining
supplies when required will be appreciated.

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DRIED YEAST

Produced from the celebrated "D.C.L." pure
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- (1) For fermentation or baking purposes.
- (2) For medicinal use, in ground or
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A kindred product to the world-
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Samples and prices may be obtained from:—

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THE UNITED YEAST COMPANY LTD.
LONDON, BRISTOL, BIRMINGHAM,
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MEL ROSE— TABLETS

FOR
CHAPPED
HANDS, &c.

Manufactured for close on 50 years



The public demand is
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Chemists can rely on
sales all the year round.

Look to your Stocks.

2d. and 4½d.

MEL ROSE— CREAM

Sold in Jars for the Dressing Table.
Contains all the remedial properties of
the Tablet made up in a softer form.

9d.

ROBERTS & SHEPPEY SOLE
MANUFACTURERS
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NONN**BRAND
TABLETS***for Men**for Women*

**New Packing now available
for Men and Women, in 2 sizes**

FOR SALE BY CHEMISTS ONLY

Nonn for Men—Red Cartons	-	3/- size,	24/- dozen
Nonn for Women—Blue Cartons	-	3/- size,	24/- dozen
Nonn for Men—Red Cartons	-	1s. 3d. size	10/- dozen
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NONN IS OBTAINABLE FROM ALL WHOLESALERS

THE **NN** COMPANY

PROPRIETORS OF NONN

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Some customer of yours would like to know about this mother's experience with Lactogen



"My baby was premature and for the first 2 or 3 months it was very difficult to find a food to suit her. Lactogen is the essential food for baby where, as in my case, mother's milk was out of the question owing to the poor state of health during pregnancy."—E.A.T.

Lactogen is so easily digested and its balanced nutriment is so quickly absorbed that premature babies and other babies with delicate or weak digestive systems do well on it and thrive.

Lactogen is pure, fresh, full-cream milk from specially selected English herds, modified by the addition of extra cream and natural milk sugar, then dried. When the requisite boiled water is added, Lactogen is in all important respects exactly like breast milk.

Whenever a Mother asks your advice about Baby's food, you cannot do her a higher service than to tell her, "Put Baby on Lactogen."

Send to-day for full particulars and terms to the Lactogen Bureau (Dept. AZ 82), Nestlé and Anglo-Swiss Condensed Milk Co., 6 & 8 Eastcheap, E.C.3.

LACTOGEN
REGD. TRADE MARK
BETTER MILK
FOR BABIES

Lactogen — prepared by Nestlé's — is a modified dried milk for use in infant feeding.

2/9 PER TIN
P.A.T.A.

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LOSALL'S SALT

Sells freely and readily. **PAYS 50% ON OUTLAY**

An infallible remedy for

**GOUT,
RHEUMATISM,
ECZEMA
and SKIN
AFFECTIONS.**

P.A.T.A.

4 oz. tins 1/-
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Bottles 2/-
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Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers.



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'UCAL' HEALTH SALT

A CHEMISTS' LINE AT
COMPETITIVE PRICES.

PLENTIFUL WINDOW
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◦ ◦ GIVE A SPARKLE ◦ ◦

◦ ◦ TO LIFE ◦ ◦ AND YOUR SALES ◦ ◦

7 ¹/₂ D. Size

4/6 Doz.

6 doz. - 4/- doz.

Gross lots 3/9 „

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8/- Doz.

3 doz. - 7/6 „

For Sale by "Qualified Chemists" only.

UNITED CHEMISTS' ASSOCIATION, LTD.

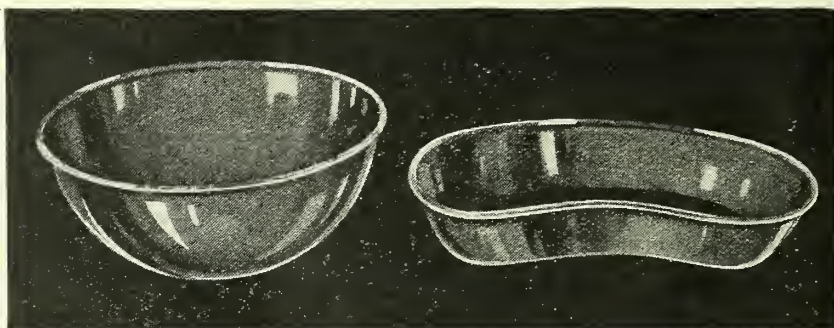
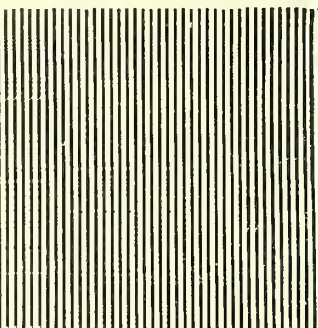
Manufacturing Chemists,

CHELTENHAM, and 4 and 6 KEITH GROVE, LONDON, W.12

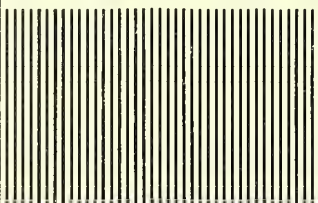
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KIDNEY DISHES



These products are of heavy gauge steel with substantial beaded edge to withstand heavy wear, mirror polished inside and out. These sparkling utensils will shine like silver permanently.

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Hard Rubber, Celluloid, Leather and Mole
Covered and Elastic Band Trusses, under the

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are sold in all
Markets of the
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"KO-RALLIUM." A new flexible covering for Steel Springs, is immune from Warping, Cracking, Shrinking or Peeling, Non-Inflammable, Impervious to Moisture, Neutral to URIC ACID Secretions. Supersedes Hard Rubber or Celluloid.

Get to know of this. **It is Something Different!**

Suspensory Bandages and Jock Straps

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Write for sample range at Special Rate, then compare.

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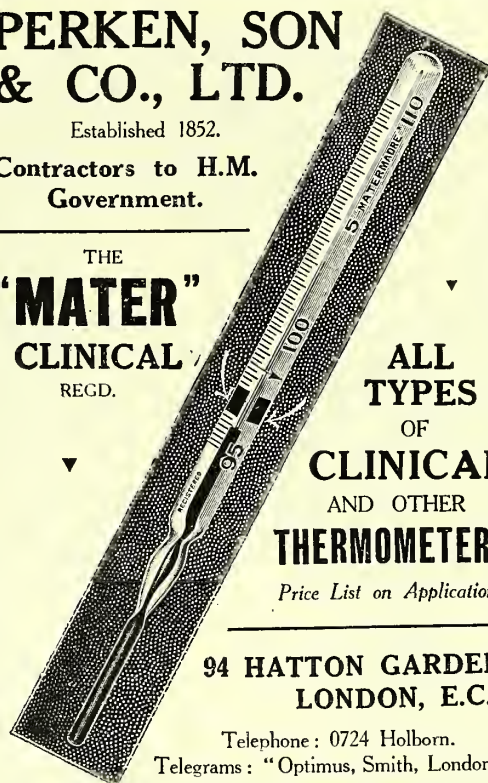
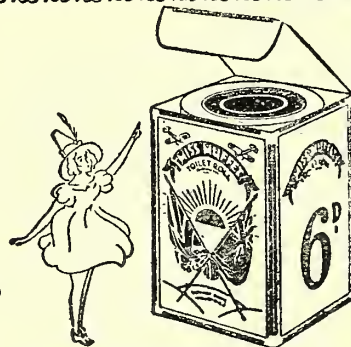
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SEAMED & SEAMLESS**For special garments to
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**Contractors to H.M.
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TYPES
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SURGICAL APPLIANCE MANUFACTURERS**SPECIALITIES FOR SUMMER**

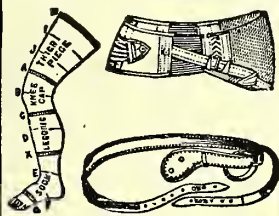
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MEDICATED TOILET ROLL

Costs 3d



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Contains 650 sheets of pure
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Free delivery. Packed in cartons
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CLINICAL
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G. H. ZEAL, LTD.,
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The "ORIGINAL" and Most
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The "K." All wool in knitted
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The "CELTEX." Made of Cellu-
lose for easy disposal.

From your Wholesale House, please.

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STOPPERS

AND BAKELITE SCREW CAPS

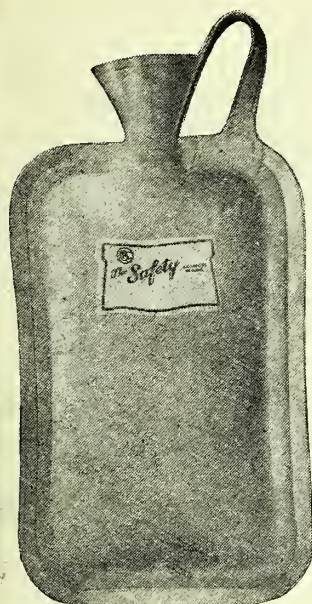


200 Varieties
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quote you.



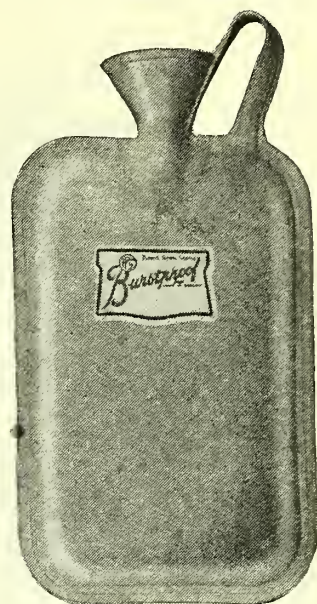
T. WEBSTER & Co., Ltd. Telephone: Mountview 0952
Diamine House, Middle Lane, Hornsey, LONDON, N.8



★ Consistent good Service—
Persistent hard wear. The
“SAFETY” enables you to meet
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PATENT SEWN SEAMS ★
Greatest known strength and
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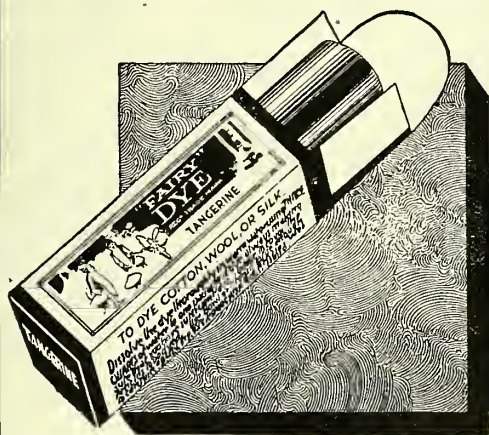


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LONDON DEPOT:
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FAIRY DYES, LTD., GLASGOW, N.W.

Fairy Dyes

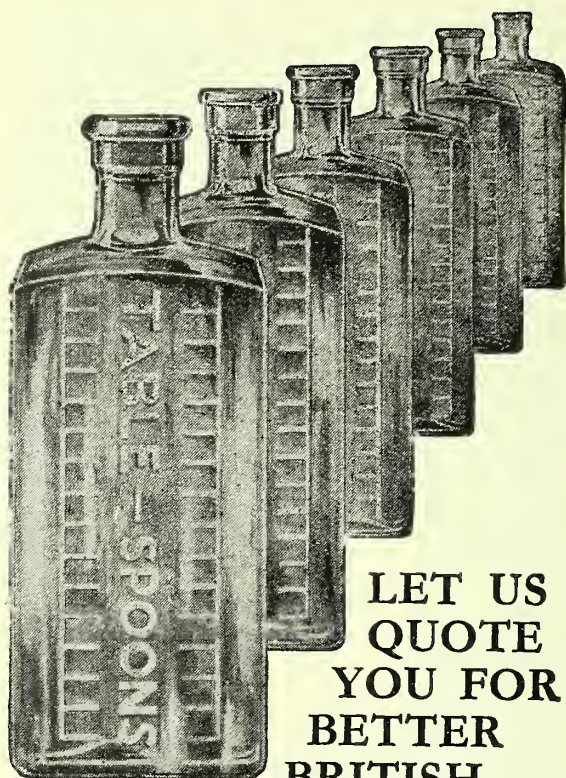
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Concentrate
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FAIRY DYES

are well advertised in the National Press
and Ladies' Journals. They meet with
a large and steadily increasing demand.

Sold at the popular price of 2d. per tube
retail—attractively packed. 31 shades
and colours.

See that your stocks are up-to-date.



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YOU FOR
BETTER
BRITISH
BOTTLES**

For eighty years or so we have been making bottles of every description, so we can claim to know something of Drug Trade Requirements.

Hand or machine made bottles of every type—sturdy and accurate and well finished—we can supply whatever you need.

Bottles of first class quality at highly competitive prices. It will pay you to ask us to quote for your next order.

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Exceptionally elastic ensuring firm, flexible support which does not interfere with play. In sealed transparent envelopes, supplied in half-dozens, assorted colours (Brown, Flesh and White) neatly carded as illustrated.

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SIMPLE FASTENING
Elastic Porous Comfortable Washable

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NUT BROWN
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DRY. SELF-FIXING. ALL SIZES.*Finest Quality and Appearance.***Bottle Caps**

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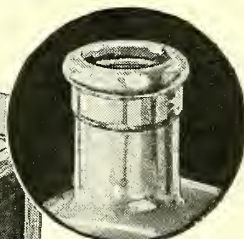
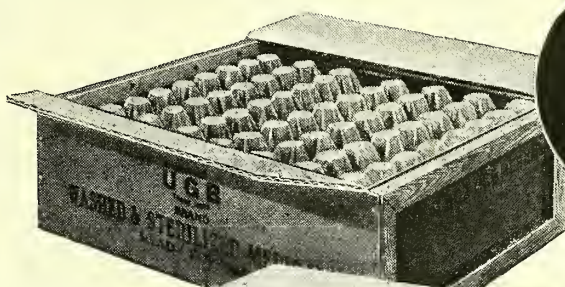
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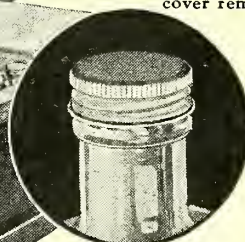
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In addition to the white enamelled Aluminium Screw Cap Service, the full range of sizes complete with an attractive design of BLACK KORKALITE MOULDED CAP is

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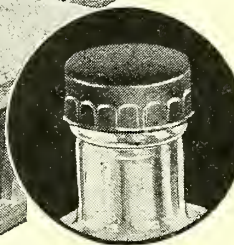
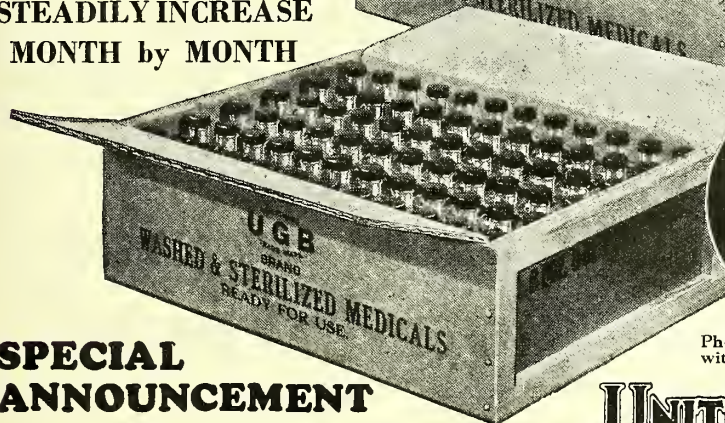


1. CORKMOUTH
Photograph of actual
package of Cork-
mouth bottles with
cover removed.



**2. WHITE
ENAMELLED
ALUMINIUM
SCREW CAP**

Photograph of actual
package of Screw-cap
bottles with cover re-
moved.



**3. BLACK
KORKALITE
MOULDED
CAP**

Photograph of actual package of bottle
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"PHARMACY FITTERS FOR OVER A CENTURY"

BUY

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are better than ever.

6 and 8 oz.

N.H.I. 5^d. per gr.

Ordinary 8^{3d}. „

Fine 1/1¹/₂ „

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10 gross carriage paid.

20 gross - - less 5%.

Less 5% cash with order.

Write for full Price List and Size Gauge

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In **SOLID OAK** or **MAHOGANY**, at the following **COMPETITIVE PRICES**:-

8 ft. Drug Run, £17 6 ft. Dispensing Screen, £14

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6 ft. All Glass Counter, £8 15 0, etc., etc.,

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FOR PACKING

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CALDICOT, Nr. CHEPSTOW, Moa.

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The sales of Sherley's Dog Foods and Medicines are increasing. Moreover, they are supplied on terms which eliminate all risk of loss, prices are protected and Trade Terms are generous. The special discounts below make our Quantity Terms most attractive.

**2½% EXTRA DISCOUNT
ON £2 PARCELS**

Those who give a window display of Sherley Products can confidently order a popular £2 parcel, made up of any of our lines retailing at 6/- or less, according to customer's requirements. On orders for this amount an extra 2½% discount is allowed. Link up with us and secure the trade for Sherley Products in your district.



**5% EXTRA DISCOUNT for
WINDOW DISPLAY**

A window display of Sherley Products will increase your business and earn you an extra 5% profit over and above our generous Trade Terms. Extensive sales-compelling show material is available for small, medium or large Display. A postcard brings full details.

Sherley products are extensively advertised in the National and Canine Press and represent the highest standard of excellence.

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SHERLEY
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Lactol
LACTOL BISCUITS

**Continuous and Steadily Advertised Goods
FOR DESTROYING RATS AND MICE**

DANYSZ VIRUS

Retail Price (Protected)	Net Wholesale Price
Virus for Rats and Mice, single tube, 2/-	15/- per doz.
3 tubes, 5/-	
Virus for Mice only, single tube, 1/6	9/-
3 tubes, 3/-	
Date-expired tubes returned to us postage paid will be exchanged free of charge.	

Danysz Virus in Liquid Form

Retail Price	Wholesale Price
Quart Bottles 6/- each	4/6 each
Pint " 4/6 "	3/9 "

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices	25% Monthly Account, or 33½% cash with order.	Monthly A/c	Cash with Order
½ gall. tins	10/-	7/6	6/8
1 " "	18/-	13/6	12/-
5 " "	80/-	60/-	53/4

DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, &c.

Retail Prices (Protected)	Wholesale Prices per doz.
In tins 3d.	In boxes of 2 doz. 2/1
6d.	1 " 3/8
1/-	1 " 7/3
2/6	1 " 18/-

Danzo Beetle Powder will not deteriorate by keeping.

CARRIAGE PAID ON ALL ORDERS.

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Hair-Restoring Ointment.
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Great

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Remedies for the Horse



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Koppas Powder.
Parasiticide.
Thrush Specific.
Hoof Ointment.
Skin Specific for Dogs.

Of all the leading Druggists' Sundries Houses
HARVEY & COMPANY, Ltd., Dublin

VICHY-CÉLESTINS

The world renowned NATURAL Mineral Water.

(And the other State Springs of Vichy)

We beg to remind the Trade that the above are on the P.A.T.A. list and show a good return to retailers.



These waters are largely prescribed by Physicians, and Chemists would do well to have an ample stock on hand.

Pamphlets, Show Cards and Dummy Bottles forwarded on application.

CAUTION—Each bottle from the STATE SPRINGS bears a neck label with the word "VICHY-ETAT" and the name of the

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And at LIVERPOOL and BRISTOL

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"Sprudel, Bristol"
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Advertising is convincing the public that the quality is second to none.

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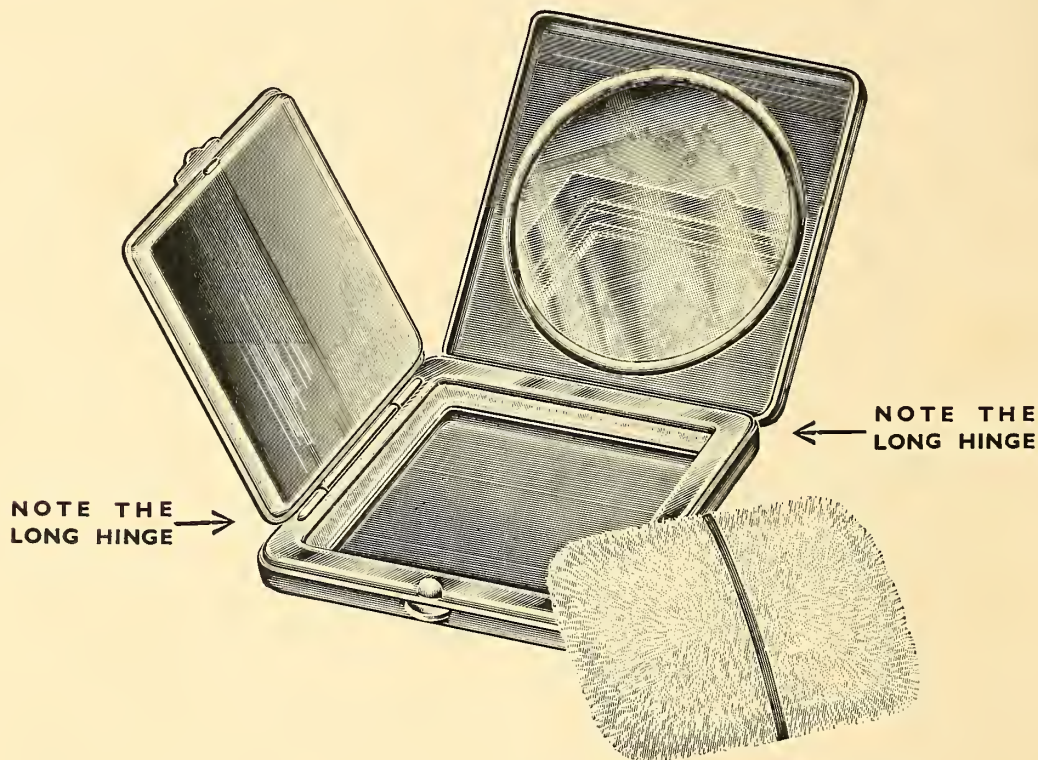
Our customers know that the profit is generous and protected by the P.A.T.A.

SATISFACTION
TO ALL

BRITISH MADE

BRITISH OWNED

WRIGHT
LAYMAN & UMNEY
LIMITED
SOUTHWARK, LONDON



THE LONG & SHORT OF IT!

THE efficiency of a VANITY BOX is a question of hinges. A long hinge is possible on a square box (almost the whole length of one side).

Only a short hinge can be fitted on a round box. A long hinge has strength, a short one — weakness; the slightest strain, and the box will not close properly.

THE above shows the Dubarry "Always Handy" Vanity Box for Loose Powder, retailing at 3/6.

The inner lid closes down on a felt washer which makes the box absolutely powder tight. The Box, in untarnishable Platinoid or Permagold finish, is of perfect British workmanship. Complete with two puffs—down and wool.

DUBARRY BROMPTON RD LONDON



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

MAY 27,
1933

28 ESSEX STREET, LONDON, W.C.2

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS** for **SALE** and **AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column). (Box No., 1/- extra.)

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EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/- (Box No., 1/- extra.)

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Telephone: Central 6565 (8 lines). Telegrams: "Chemicus, Estrand, London."

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Telephone No.: CITY 2283

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We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—KENSINGTON (South).—Good-class Business with Kodak Agency; returns exceed £2,000 p.a.; net profit over £500; attractive shop well fitted in oak and fully stocked; modern shop front; sublets cover entire rental; long lease; price £1,625.

2.—NORTH-WEST SUBURB.—Good-class Business with increasing turnover; takings last year approximately £2,500; net profit £550; mahogany fixtures and good modern stock; long lease at reasonable rental; price £1,000 for goodwill and fixtures, plus stock at valuation or lump sum offer of £1,750.

3.—LONDON, S.E. (main road).—Working-class Cash Retail Business; returns under management exceed £2,000; gross profit £724; double-fronted shop, well fitted; Remington Register, cost £90; reasonable rental; new lease; price £1,150, or valuation terms entertained.

4.—WEMBLEY (near).—Good-class Cash Retail Business situate in growing area; returns approximately £1,600 per annum, increasing; double-fronted shop, nicely fitted and well stocked; rent £200; sublet £122; living accommodation available after sublets; long lease; price £1,450.

5.—CROYDON.—Cash Retail Business with Kodak Agency; established over 50 years; returns approximately £1,850 per annum; net profit last year £538; double-fronted shop, well fitted and stocked; large house over; rent £100; long lease; price £1,450, or valuation terms entertained.

6.—PICCADILLY (near).—Death Vacancy. High-class Cash Retail Business; in late proprietor's hands 21 years; returns last year £3,348; gross profit £1,356; rent £300; long lease; further details to genuine applicants.

7.—SOUTHGATE (near).—Middle-class Cash Retail Business situate in prominent position in busy main road; returns this year about £2,500, should be much more under energetic management; chartered accountant's figures; double-fronted shop, nicely fitted and fully stocked; rent £150; sublet £65; valuation terms entertained.

8.—HOME COUNTY.—Middle-class Cash Retail Business in main road position; well established; returns last year £2,641; gross profit £968; accountant's figures; corner shop, nicely fitted and very well stocked; modern front; living accommodation; new lease at £120; valuation terms entertained.

9.—DURHAM.—An opportunity occurs for a young Chemist to purchase half share of a business making approximately £500-£600 per annum under the management of the present proprietor, who is 78 years old; view to succession; capital required approximately £500.

10.—WILTSHIRE.—Family Retail Business with Kodak Agency; returns last year £2,130; audited accounts; net profit £450; rent £50 per annum; held on lease with option to purchase property; 9-roomed private house, with nice garden, available at £40 per annum; price £1,475, or valuation terms entertained.

11.—NORTH RIDING.—Medium-class Business; established 26 years; returns last year £1,432, with gross profit £484 and net £310; rent £90; held on lease; living accommodation; price £500; further details on application.

12.—SOUTHERN HEALTH RESORT.—General Retail Business with Kodak Agency; returns last year £2,339, increasing; gross profit 40 per cent.; living accommodation and garage; property can be purchased or lease will be granted; terms, value of stock and fixtures, plus reasonable sum for goodwill or lump sum offer.

13.—WEST RIDING.—Working-class Retail Business with large N.H.I., also Optical connection; returns about £40 weekly, with scope for large increase in Optics; rent 16s. weekly; ill-health cause of sale; further details on application.

14.—HACKBRIDGE (near).—Good Working-class Business with Kodak and N.H.I., average 200 'scripts per month; returns last year £1,380, this year shows an increase; corner shop; double-fronted shop; 5-roomed house with bathroom; rent £80; lease will be granted or property can be purchased; price £700, or valuation terms entertained.

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Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

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 ONE MINUTE FROM KING'S CROSS AND ST. PAUL'S STATIONS.
 Telephone: Holborn 3574 and Holborn 3575
 ESTABLISHED 1870

1.—HOME COUNTY.—Good Middle-class Cash Business, in good position; returns over £1,500, showing steady increase; net profit £420; books audited; rent £60, long lease; attractive modern Pharmacy, fully stocked; price £1,200 cash, or valuation terms arranged.

2.—HANTS.—Cash Drug and Photographic Store; returning under manager £817; excellent profits; fine chance for qualified proprietor; central position, nice town; low rent; price £500.

3.—MIDLANDS.—Working-class Cash Retail; returns over £1,000, increasing; modern attractive shop with house attached; stock and fixtures worth £300; price £450 or near offer.

4.—EAST COAST.—Sound Cash Business, in good position; returns about £800, scope for increase; good house and double-fronted shop; own property; lease granted; price £255 cash lowest.

5.—LONDON, S.W.—Good-class Family Retail, with sub-Post Office attached, in centre of densely populated residential area; easily worked; returns average £2,000; net profit £430; flat over; excellent stock; price £1,300 or near offer.

6.—NORTH LONDON.—Good Working-class Cash Business; N.H.I. £180 a year; returns last year £1,220, under manager; scope for increase; double-fronted shop with house attached; long lease; price £500.

7.—EASTERN COUNTY.—Sound Light Cash Retail, in populous part of large town; returns last year £1,553; low expenses, easily worked; lock-up shop, neatly fitted and well stocked; price £800.

8.—SOUTHAMPTON (near).—Old-established Business, run as branch; returns between £11 and £15 weekly; plenty of scope; lock-up shop; rent only £36; stock worth approximately £350; for immediate sale £300 or nearest offer will be accepted.

9.—SOUTH COAST.—Good-class Dispensing and Photographic Business, pleasantly situated on sea front; returns average £1,200; no immediate opposition; nice house and garden; own freehold for sale with Business; £1,000 mortgage arranged on freehold.

10.—HARROW.—Good-class Business; present returns about £1,600; neglected through illness and death of owner; plenty of scope; handsome Pharmacy, with good house; price for early sale £1,050 or first reasonable offer.

11.—LONDON (West End).—Good-class Business, recently established; present returns about £18 weekly, will do double; gross profits 40 per cent.; corner shop; close to hotels and clubs; price £500, and stock at valuation.

12.—SURREY (Suburb).—Light Cash Retail, with good Photographic trade and N.H.I., in centre of large estate; returns nearly £1,550, net profit £395; house attached; large well-fitted shop; good stock; offers invited.

BUSINESSES WANTED.

We have a large number of genuine cash buyers seeking sound concerns from £700 up to £4,000, and invite correspondence from intending vendors, as we are able to effect quick sales with the utmost privacy. We also require three or four good class businesses returning from £4,000 to £10,000 a year, private clients waiting with cash available, and prepared to take over immediately.

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 Tudor House, Walsall Telephone: Walsall 3774
 Telegrams: "Ernest, Walsall"

The following businesses have in the main been visited, and are recommended to appropriate would-be purchasers.

(Cr) BERKSHIRE.—Established retail business with modern front, etc., and small house above; average turnover for past three years approximately £3,000 per annum; returns for past financial year under management, upwards of £2,600; large N.H.I. panel; rent £125 on lease, or property could be purchased; further particulars to genuine inquirers upon application.

(C2) CLAPHAM (NEAR).—Lock-up pharmacy with good optical connection, situated on busy main road; average turnover approximately £2,000 per annum; freehold can be purchased, or a lease will be granted; price by negotiation.

(C3) BOURNEMOUTH.—Good-class pharmacy, well positioned, and offering plenty of scope for further increase; turnover for last complete financial year, upwards of £1,700, being an increase of nearly £200 over the previous year's figures; further particulars in strict confidence to genuine bona-fide enquirers.

(C4) KENT (NEAR LONDON).—Good class modern pharmacy, with self-contained flat, available for early negotiation; present returns upwards of £30 weekly, plus income from sub-Post Office recently installed; pleasant and congenial situation; excellent scope for increase; reasonable purchase price; property can be acquired or lease will be granted.

(C5) ESSEX (NEAR LONDON).—Good class pharmacy (lock-up), showing average returns of approximately £35 weekly; rent £70; long lease; reasonable purchase price.

(C6) SUSSEX (Seaside Resort).—Old-established Drug Store, which has been under present ownership for nearly 30 years; average returns approximately £1,600 per annum; net profit estimated at £450; commanding corner premises (lock-up), offering excellent scope for pharmacy conversion; price by negotiation, part of which could remain on mortgage.

(C7) MIDLANDS.—Excellent family business at present doing approximately £1,500 per annum, including N.H.I. about £200; lock-up shop; lease at £42 per annum, including rates; easily worked; stock and fixtures at valuation, estimated at £500; price required £800.

(C8) LONDON, S.E.—Pharmacy, with living accommodation, congenially situated, and well suited to a lady Chemist; returns for last financial year approximately £1,300; reason for disposal, owing to ill-health and contemplated retirement; price by negotiation.

(C9) SOUTH COAST (HOLIDAY RESORT).—Established retail business with living accommodation, for disposal owing to continued illness of proprietor; average returns for past two years approximately £20 weekly, but these figures should be capable of considerable increase; property (freehold) can be purchased, or leased at £78 per annum; no near opposition; price, all-in, £500.

(Cro) BOURNEMOUTH.—Modern pharmacy with good self-contained flat (optional); for disposal at reasonable figure; turnover for last financial year £1,250, representing a substantial increase over the previous year's figures; further particulars to bona-fide prospective purchasers upon application.

(Cr1) KINGSTON (NEAR).—Established Drug Store offering excellent opportunities under qualified proprietorship; present returns upwards of £19 weekly; premises held on lease at an inclusive rental of £50 per annum; purchase price, all-in, £500.

(Cr2) LONDON (North Suburb).—Established business with good living accommodation; in present hands over 20 years; returns upwards of £1,100 per annum, with scope for further increase; rent £100; rates approximately £26; reason for disposal owing to genuine ill-health and family circumstances; price for quick sale, £600 or near offer.

(Cr3) MIDDLESEX.—Drug Store, old-established, for disposal owing to retirement; excellent opportunities for qualified chemist; attractive shop (double-fronted), with good living accommodation, including garden; rent £75; purchase price, all-in, £450.

(Cr4) SUFFOLK COAST.—Unopposed business with living accommodation for disposal, together with freehold property at a very low figure, as a quick sale is desired owing to domestic circumstances; returns approximately £1,200 per annum, with genuine scope for increase; net profits for last financial year approximately £350; pharmacists with capital upwards of £900 would be in a position to negotiate after allowing for the usual mortgage that could be raised on the property; further particulars upon application.

(Cr5) CARDIFF (Residential Suburb).—Pharmacy with optical department, capable of substantial development; modern living accommodation, with good garden; returns for 1931 exceeded £2,000, since when the business has not had the proprietor's personal attention; rent £120 per annum; new lease by arrangement; purchase price to comprise approximate value of stock and fixtures only (about £1,000), which includes the value of the lease and the goodwill of the business; part could remain if necessary; the reasons for disposal are quite genuine.

(Cr6) ALDGATE (NEAR).—Attractive modern pharmacy situated in busy main thoroughfare; turnover upwards of £2,000 per annum; gross profit approximately 40 per cent.; reasonable rental for position; lease, 16 years unexpired; for a quick sale an all-in purchase price of £900 will be accepted; owner semi-retiring.

(Cr7) LONDON, S.W.—Old-established retail pharmacy with sub-Post Office, situated in good-class residential area; returns upwards of £1,900 per annum; no near opposition; purchase price by negotiation.

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CHEMISTS' VALUER & TRANSFER AGENT
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BOURNEMOUTH.—Neglected business in growing middle-class part; practically no opposition; double-fronted shop; fitted Dispensary and good living rooms; gross profit last year £202; only £100 required for fittings; stock at value; long lease or freehold available; great opportunity for keen beginner. Coxill & Mitton, 101 Old Christchurch Road, Bournemouth.

BRADFORD.—Old-established high-class business in best locality; freehold; double-fronted house and shop; splendid living accommodation; large mortgage obtainable, or would consider letting; good prospect under personal management; to be sold at valuation only; no goodwill asked. Park Pharmacy, Ltd., 9 Oak Lane, Bradford.

HIGH WYCOMBE.—Owing to ill-health, good Chemist Business for sale; turnover approximately £1,800 per annum for last 3 years; 9 years' lease to run; good opportunity. All particulars, 7 White Hart Street, High Wycombe.

LANCASHIRE.—Cash Business situated in populous good working-class district; no near opposition; Kodak, N.H.I.; good net profit and low expenses; living accommodation; garage; price (including property-vendor's own) £1,800. 430/22, Office of this Paper.

LONDON, N.—Unique chance Qualified Man acquire old-established business; densely-populated area, without opposition; Photography; unlimited scope for N.H.I., Optics, &c.; has done £1,700; death reason disposal; prepared sacrifice for quick sale; moderate price, includes freehold, 10-roomed house, 30-ft. garage, stock, fixtures; sublets 26s.; audited accounts. Compston, Accountant, 18 Heathville Road, N.19. Archway 3182.

LONDON, S.E. (Suburb).—Good Middle-class Business; double-fronted shop, well stocked, and good living accommodation; 7 years' lease at very low rental, £44 p.a.; average returns for last 3 years £1,250; large scope for Panel; price for quick sale £650. 433/26, Office of this Paper.

LONDON, SOUTH.—Unique opportunity for Qualified Man; old-established Drug Store on busy main road; splendid scope; small premium for quick tenancy, to include stock, fixtures and goodwill; lease obtainable. P.C.B. 76/26, Office of this Paper.

NORTH WALES.—Country Business, no opposition, sole agency for all leading lines; double-frontage corner shop on main road; rent, including rates, 8s. per week; stock approximately worth £425-450; N.H.I. Dispensing; takings £707; owner going into partnership; must be sold; what offers? 433/9, Office of this Paper.

SOUTH COAST.—Old-established Drug Stores in thickly populated district; Prescribing, General, Retail and Photographic; returns average £30 odd weekly; double-fronted corner modern shop; excellently fitted and stocked; owner retiring; splendid chance for up-to-date qualified man; N.H.I.; price £1,400, part could remain. X.Y.Z., 221/913, Office of this Paper.

YORK.—Chemist's Business in working- and middle-class district; large double-fronted shop, well fitted; full wine licence; good N.H.I.; Kodak Agency; good house; stock, fittings and fixtures at valuation; rent £70 and rates, or would sell. 432/15, Office of this Paper.

YORKS, Seaside Resort.—Good-class Retail, Photographic, N.H.I., wine licence, Udal, Kodak, Ensign; corner shop, good position, house attached, private entrance; returns approaching £2,000; audited accounts; sound reasons disposal; lease 4 years unexpired or property purchased freehold. Apply further particulars, 432/18, Office of this Paper.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED
 (Business Agency, Transfer & Valuation Department)
 KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS,
 Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL
PARKIN S. BOOTH, Valuer. Tels.: CITY 1261-2-3-4
VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

BARGAIN, London, West Suburb, Drug Store, nice lock-up shop, well stocked, offered at the extremely low price of £120 in order to effect speedy sale. Enquiries to 433/29, Office of this Paper.

CHEMISTS; excellent opportunity develop Optical and Photographic; main road position; expensive double shop front; mahogany fittings; 7 living rooms; side entrance; bath; dry storage accommodation; electricity throughout; new 21 years' lease at only £80; rates £34; chartered accountant's figures; price £750, includes own formula; stock at valuation, about £150. P.C.B. 76/190, Office of this Paper.

DRUG Stores, with small Manufacturing Business; illness and age, must sell; any reasonable bid; call with deposit. 277 Tabard Street, London, S.E.1.

DRUG STORE, Essex Coast Town; Kodak, Ensign, Pathescope Agencies; same hands 6½ years; good prospects Qualified Chemist; £850 and s.a.v., estimated £850. 431/25, Office of this Paper.

DRUG Store, N.W. London.—Owner must sell for family reasons; will accept price of stock and fittings (about £200), plus £50 for goodwill; splendid opportunity; no offers under any circumstances. 432/3, Office of this Paper.

DRUG Store, pleasant colliery district in West Wales; established 17 years; timber and concrete building with plate-glass front; shop 18 ft. by 15 ft.; two stock-rooms; wine licence; Optics and Photo; well stocked; been neglected owing to owner being fully occupied elsewhere; receipts at present £600, been more than double; ground rent £1; rates £6 a year; a timber building adjoining let at £1 a month; price, all at, £900; a genuine business with great possibilities for Qualified or Unqualified; fullest particulars, but no agents or offers, please. 433/18, Office of this Paper.

PHARMACY, well stocked and fitted; turnover at present £1,250 p.a., with scope for increase; old-established and sound connection, being long established; best position; long lease granted; rent £40 p.a.; worth a visit; Welsh agricultural district; price £800 all at, to include valuable site; agencies and proprietaries; further particulars to genuine buyers only. 433/17, Office of this Paper.

OLD-ESTABLISHED Business for sale, cheap; S.E. district; excellently-appointed shop, parlour and basement, with house let off, profit rental; only outgoings 27s. per month; long lease; stock at valuation about, £500. Particulars from 221/918, Office of this Paper.

£250 OR NEAR OFFER.—Corner position Lock-up Shop; all conveniences; main road; S.E. London; well fitted, good windows; low rent; neglected, but good scope for development; large residential population. 434/13, Office of this Paper.

£250.—Drug Store; busy market; scope for energetic man; cause of sale ill-health. 100 Church Street, Edgware Road, London, N.W.8.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

ADVERTISER wishes to purchase a small Drug Store in an agricultural district, in South Wales preferred; an old neglected business not objected to, or a lock-up shop might suit. Full particulars, please, which will be treated confidentially, to "Verus," 432/19, Office of this Paper.

HIGH-CLASS Business required by Private Chemist; showing turnover of £5,000 upwards, or would accept Partnership with view to succession; cash available; no agents; replies treated with strict confidence. 434/30, Office of this Paper.

PREMISES FOR SALE.

EXCEPTIONAL Opening for Chemist in populous suburb of thriving Lancashire town; already 10,000 inhabitants in suburb, and growing rapidly; ideal premises on main road, opposite bus stop; no new chemist has opened since the population was less than one-third. 434/35, Office of this Paper.

PREMISES TO LET.

BLACKPOOL.—Double-fronted shop and house now empty; 6 years Chemist; main shopping street; well situate for residents and visitors; good living accommodation. Also good corner shop in view of Promenade, with house and separate house entrance. Owner, 189 Church Street, Blackpool.

BOURNEMOUTH, near Sea.—Shop, scullery and yard, surrounded by hotels and boarding-houses; excellent opportunity for Chemist; rent £95 inclusive; no premium; free till quarter day. Apply Douglas, Chemist, 73 Upper Street, Islington, N.1.

HANWELL.—Two shops, fitted modern fronts and one with upper part, to let without premiums. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Telephone: Mayfair 7666.

ROMFORD.—Splendid opening for Chemist; new corner parade; shops and flats; top of South Street; nearing completion; facing multiple shops; 4 shops to let to multiple tenants.—Plans, &c., Vickers & Stanley, 47/8 Berners Street, W.1.

ARE YOU seeking an opening on the South Coast? If you are a brisk Store Man there are premises available (shop and house) in a rapidly-growing residential district of a well-known seaside resort. Get a footing early! Enquiries to 433/4, Office of this Paper.

EXCELLENT shop with good depth to let, no premium; main road position; close to Highgate Tube Station; rent £200 per annum exclusive; wonderful opportunity for smart trader; very suitable for Chemists. Write direct to owner, Mr. D. Bhuston, 22 Inglewood Road, West Hampstead, N.W.6, or telephone Streatham 0274.

APARTMENTS.

WHEN YOU COME TO LONDON STAY AT THE HAMPDEN RESIDENTIAL CLUB.

FOR GENTLEMEN. Hampden Street, N.W.1. Close to King's Cross and Euston. 300 bedrooms. 12s. 6d. to 25s. per week, including baths, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Museum 3424.

PARTNERSHIPS.

SECRETARY for Reception Rooms of Medical Men and Surgeons; must be capable of accurately taking telephonic and verbal communications from hospitals and others; thorough acquaintance with medical and surgical phraseology essential; investment required (secured) £500; commencing salary £250, increasing to £350 after six months. P.C.B. 76/19, Office of this Paper.

UNQUALIFIED middle-aged man, thoroughly experienced in all branches, and desiring permanency, willing to invest £100 capital in an established business, on salary or otherwise, one recently established not objected to, providing good prospect. Reply in strict confidence to P.C.B. 76/15, Office of this Paper.

YOUNG, Qualified, varied experience all branches, seeks junior partnership in an established high-class Dispensing Business (with or without N.H.I.) or one recently established showing good prospects; capital available up to £200; reply in strict confidence. 433/38, Office of this Paper.

AGENCIES.

BRITISH TRADE IN BELGIUM.

OLD-ESTABLISHED Wholesale House with extensive connections and packing departments is open undertake Agencies for advertised or well-known proprietaries. P.C.B. 76/14, Office of this Paper.

OLD-ESTABLISHED Wholesale firm in New Zealand is open to accept Agencies for approved Merchandise, Chemicals, Pharmaceutical and Industrial, Toilet Preparations, &c.; organisation covers the whole of New Zealand thoroughly; references given and required; correspondence invited. Steele Chemical Proprietary, Ltd., 184-186 Oxford Terrace, Christchurch, New Zealand. Cable address: "Scientific," Christchurch.

ONE of the Leading American Manufacturers of Rubber Goods for Surgical and Domestic use is wanting an enterprising Agent in Great Britain with an established connection. Write in first instance to 221/910, Office of this Paper.

TRAVELLER having good connection in West End, London Suburbs, Essex, Kent, Sussex, Surrey, Hants, Berks and Oxfordshire amongst Chemists, Stores, Hairdressers, will take Agency for any special lines suitable for those trades. 432/31, Office of this Paper.

BUSINESS OPPORTUNITIES.

CHEMIST required to equip and run Dispensary for services of large private Hospital and general public in Central London; premium £200; rent £200 p.a. 431/31, Office of this Paper.

SITUATIONS OPEN.

RETAIL (HOME).

THE Secretary of the Weymouth and District Co-operative Society thanks all those who applied for the vacant assistantship, and begs to inform them that the position is now filled.

BIRMINGHAM.—Locum required. Qualified, for single-handed business; energetic; local preferred; June 6-25 inclusive. Full particulars by letter to Maxwell, 624 Warwick Road, Tyseley.

BRIGHTON.—Assistant, about 30, thoroughly trustworthy, must be good Dispenser, Counterman and Window-dresser; if married, living accommodation available; applications not answered 7 days respectfully declined. Write, giving full particulars, stating salary required, to "Volens," 432/6, Office of this Paper.

ISLINGTON, N.1.—Assistant (Qualified), lady or gent., required middle of June; moderate salary to commence; write stating full particulars and lowest salary required. 434/10, Office of this Paper.

LONDON.—Qualified Assistant, male, with first-class experience, required. Apply, giving full particulars and enclosing photo if possible, to "Z," 221/916, Office of this Paper.

LONDON, N.—Young Qualified Assistant wanted for a month or longer starting June 5; please state salary required, also usual references. 433/33, Office of this Paper.

LONDON DISTRICT.—Qualified Relief Manager required for holiday relief for about 4 months; salary £4 weekly and expenses. Apply, stating age, experience, references, to 434/51, Office of this Paper.

LONDON, S.W.—Qualified Assistant required, age about 22 or 25, for N.H.I. Dispensing &c.; salary £2 15s. weekly. Apply, stating age, references, experience, to 434/5, Office of this Paper.

LONDON, W.13.—Qualified Locum required, July 6 to 22, inclusive; Counter, Dispensing (N.H.I.) and Photographic. Please give fullest particulars, age, experience, married or single, and salary required. 434/24, Office of this Paper.

LONDON SUBURB.—Qualified Manager required for working-class Retail N.H.I. Business; salary £3 10s. weekly and commission. Apply, stating age, experience, references, to 434/50, Office of this Paper.

LONDON SUBURB.—Qualified Manager, keen, energetic, and who is prepared to invest £200 under own control, can learn of exceptional opportunity carrying directorship, shares, salary and living accommodation (if required); reference required and given. Write fully first instance in confidence, 435/38, Office of this Paper.

NORTHAMPTON.—Wanted, Locum (male) from August 8 to 29, both dates inclusive; please state age and salary required, also give references. 432/9, Office of this Paper.

AN Assistant (Male) required for West-End establishment; with Retail experience; knowledge of Surgical Instruments and experience in Fitting Trusses, Belts, &c., necessary; hours of work, 8.45 to 6 p.m., Saturdays till 1 p.m. Write, giving full particulars experience and salary required, Box 466, Sells Advertising Offices, Fleet Street, E.C.4.

CHEMIST-OPTICIAN (married) wanted to manage branch in Midland health resort; house attached to shop; good Window-dresser and competent Salesman. State experience and salary required to 433/14, Office of this Paper.

CHEMIST-OPTICIAN (Qualified) as Manager; one used to good-class business and able to develop Optical side. Full particulars, age, references, salary required, &c., to "Surrey," 433/13, Office of this Paper.

EVENING Assistant (male), June 10-24, inclusive, 6 to 8 p.m. (not Wednesdays or Sundays); competent Dispenser; state remuneration required, giving two recent references (no written testimonials or copies); applications unanswered within 3 days declined with thanks; send no stamps. 433/2, Office of this Paper.

J. WEARING, The Central Pharmacy, Woking, requires a young Qualified Assistant with first-class Dispensing experience; five assistants kept; send full particulars and salary required; letters not answered in 5 days respectfully declined.

LOCUM (Unqualified) required to manage small high-class Drug Stores in Midlands, August 5 to 19, both dates inclusive; when applying state age, experience, salary required for period, &c. 431/39, Office of this Paper.

LOCUM, Qualified, for business on Hants Coast; a practical man with good all-round experience capable of taking sole charge; not under 25 and with knowledge of Photography; from June 11 for 10-14 days. 432/12, Office of this Paper.

MANAGER, single, Qualified, age about 30, for seaside business; knowledge Photography essential. Send full particulars, 221/914, Office of this Paper.

QUALIFIED Assistant, outdoors, required for new branch in East London; must be quick Dispenser, used to N.H.I., Window-dressing, Counter, &c. Write, call or 'phone, Silberberg's Pharmacy Ltd., 79, Christian Street, Commercial Road, London, E.1. Phone: Royal 4594.

QUALIFIED Assistant required second week in June, must be thoroughly competent in all branches and able to take charge; age about 30; one used to Birmingham business preferable. Particulars, with photo, to E. W. Harber, Central Pharmacy, King's Heath, Birmingham.

QUALIFIED ASSISTANT.—Young Man required soon; West End suburb. Full particulars, age, salary and experience to 221/920, Office of this Paper.

QUALIFIED Assistant (under 40), to take charge of Dispensing and Photographic Business with view to partnership or succession; state age, height, experience, when disengaged, salary, photo, with references of last two engagements, stating how long held. "South Coast," 433/20, Office of this Paper.

QUALIFIED Assistant wanted; must be keen Salesman, with West-End experience, and good Window-dresser. Full particulars, age and experience to 434/3, Office of this Paper.

QUALIFIED Chemist required to take charge of a London branch in North-West District; age about 30; must have Window-dressing experience; salary £4 per week and commission. 221/919, Office of this Paper.

QUALIFIED Lady Chemist required, light duties, N.H.I. Dispensing mainly; permanency. Send particulars, wage required, and photo, returnable if stamp enclosed, to J. Dolphin, 265 Wincolmeie, Hull.

REQUIRED, Qualified Locum, lady, for small high-class pharmacy, from July 24 to August 19; state age, experience, salary. Pharmacy, 6 Palace Court, Finchley Road, N.W.3.

REQUIRED Shortly by small private limited company (Yorkshire), Qualified Assistant, Manager (Superintendent), able to take charge if necessary; must be ambitious, conscientious Salesman; knowledge Windows, Counters, Kodaks, &c.; adaptable, courteous; highest-class old-established clientele; send reasonable terms, age, full particulars, references, &c. 431/14, Office of this Paper.

SMART Junior wanted for summer season in small seaside place. Full particulars and salary required to 431/3, Office of this Paper.

UNQUALIFIED Assistant, male, about 22 years, required from July to end of September; one just finishing Part I course preferred. Apply, giving full particulars, to H. J. Hewlett, John Bailly & Co., 2 Ethelbert Terrace, Cliftonville, Margate.

UNQUALIFIED Junior or Improver wanted for industrial district; state age, previous experience, salary required, &c.; applications not answered within 7 days declined with thanks; send no stamped envelopes. Foster, 23 Skinner Street, Clerkenwell, E.C.

UNQUALIFIED Junior; must be accustomed to N.H.I. Dispensing. Particulars of age, experience, salary required. Applications not replied to in 7 days declined with thanks. 432/27, Office of this Paper.

UNQUALIFIED Lady Assistant, with good all-round experience, including Dispensing, required for 2 weeks locum from June 12 to 24 inclusive; no Sunday duty; also Young Qualified Gentleman, experienced Dispenser and Salesman, from July 10 to 24; English only; apply giving full particulars of experience, age, salary required, references. R., 67 Windermere Road, Coulsdon, Surrey.

VACANCY will shortly occur for Manager; must be Qualified Pharmacist and Optician; capable Organiser, Window-dresser, &c. Apply, stating fully particulars of past experience, particularly Optics. Progressive position to suitable applicant. 221/917, Office of this Paper.

WANTED at once, Qualified Lady; Permanency; salary to commence 55s. per week; apply stating age, reference, experience, with photo (returnable if stamped addressed envelope enclosed). 430/25, Office of this Paper.

WANTED, for branch shop, a Qualified Manager (about 30), married; to live over the premises; only a thoroughly capable and experienced man need apply; good Window-dresser and one used to Counter Prescribing required. Apply by letter in first instance to Hughes Pharmacy, 606 Harrow Road, Paddington, W.10.

WANTED, immediately, capable Male Assistant for season. Replies must give full particulars of experience, salary required and enclose photo. Edwin Hooson, 98 Mostyn Street, Llandudno.

WANTED, Qualified Lady for Holiday Relief in Dispensary, June 12 to July 22; salary 4 guineas weekly. Apply Secretary, East Suffolk Hospital, Ipswich.

WANTED, Qualified Assistant (Retail) to commence immediately, West End. 221/912, Office of this Paper.

WANTED.—Qualified Assistant; used to N.H.I. Dispensing, brisk Counter, Photography, good Window-dresser. Apply between 3 and 5 on Saturday, May 28, at 49 Harford Street, Mile End Road, E.1.

WANTED, young Qualified Assistant for good-class business; state age, height, experience and salary required; applications unanswered within 7 days respectfully declined. 431/29, Office of this Paper.

YOUNG Qualified Assistant, not over 30, wanted early June to mid-October; salary £4; energetic and willing; capable Dispenser; applicants must comply with above particulars. Copies of references to W. H. Lenton, Ph.C., 6 Le Strange Terrace, Hunstanton.

YOUNG Qualified Man required at once; must be a quick, accurate Dispenser, good Counterman and Window-dresser; also locum for July 7 to 29. Hollyoak, Birmingham Street, Oldbury, near Birmingham.

YOUNG Qualified Men (one for night work) required at once by big West-End establishment; only keen, energetic salesmen with previous West-End experience need apply to BM/FPTK, London, W.C.1. Unsuitable if unanswered in four days.

WHOLESALE.

A LONDON House of Manufacturing Chemists will shortly have a vacancy for young Chemist's Assistant (male); need not necessarily be Qualified, but factory experience an advantage and capacity for hard work essential. Write, stating age, experience and salary required, to 221/911, Office of this Paper.

LIVE Travellers, with established connections, required to market Branded Lines of Plate Cloths to Wholesale and Retail Chemists and Druggists; generous commission allowed; references required. Send full particulars to Box No. 128, Osborne-Peacock Co., Ltd., 11 Piccadilly, Manchester.

MESSRS. BOB MARTIN, LIMITED, Dog Medicine and Food manufacturers, Southport, are appointing a Representative, who must reside in London; he will cover Chemists in the London area, and Chemists and Corn Merchants in the South-Eastern Counties. Applicants should be between 25 and 35, and must have had practical experience as Salesmen. Age, full information and salary required should accompany applications by letter only.

PILL Maker required for Manufacturing Chemists in Manchester district; must be fully experienced in manufacture and coating of all kinds. Applicant should state age, wages required and complete details of past experience to 221/915, Office of this Paper.

REQUIRED, men with high-class connections to sell Medicated Confections among Chemists in the Home Counties, S. Midlands, Eastern Counties, Lancashire and Yorkshire; Qualified preferred, but not essential; car an advantage; men with non-clashing lines apply with full particulars. Convey Confections, Ltd., Newport, Mon.

SALESMEN.—Immediate applications invited from men of good appearance and address; good connection with Chemists essential; to develop sales of range of Hair-Tinting and Bleaching Preparations, which have an international sale; intensive training will be given; salary and commission. Write giving full details of territory covered and previous selling record to Box H.P.2, 85 Fenchurch Street, E.C.3.

TABLET MAKER.—Junior wanted, with knowledge of setting up machines. Apply B.B.T. Co., Ltd., 29 Parkfield Street, Islington, N.1.

TRAVELLERS required with proven connections who are allowed to carry extra line; good selling lines on generous commission basis for North and South Midlands, Yorkshire and South Coast, also N.W. and North London; write for appointment. 432/2, Office of this Paper.

UNQUALIFIED Assistant required by firm of Wholesalers in Manchester district; knowledge of wet and dry Counter work and regular apprenticeship advantages. Apply giving full particulars, experience, age and wages required, 221/909, Office of this Paper.

WELL-INTRODUCED Travellers wanted on commission to extend the sale amongst Chemists in the British Isles, of world-renowned advertised Wine Yeasts, for home-made fruit wines; attractive proposition (free stock) to Chemists. Chemists should write W. Turner, 11 Heathfield Gardens, Chiswick, London.

COLONIAL, INDIAN AND FOREIGN.

DISPENSER, Lady, Qualified Pharmacist, young, required early September for Mission Hospital, Damascus; Missionary zeal and readiness to share missionary activities essential; experience in Christian work desirable. Apply, with testimonials, to Superintendent, Edinburgh Medical Missionary Society, 56 George Square, Edinburgh.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.A.—M.P.S., F.B.O.A., F.S.M.C. (26); experienced Manager; West End and Provinces; Dispensing; Square-trained, keen; desires new post; available at short notice; interview. 433/24, Office of this Paper.

A.A.—ACTIVE, capable Assistant (26); good general knowledge all branches; tall. N. Bimson, 88 Raby Street, Wolverhampton.

A.A.—LOCUM or Permanency (45); Dispensing, Counter, H., 3 Cancell Road, S.W.9.

A QUALIFIED Experienced Manager; disengaged; permanency or locum; London or suburbs; moderate salary. Davies, 109 Alexandra Drive, Surbiton, Surrey.

AS Branch Manager, Qualified; a thoroughly recommended and successful experience; 3 years present, suburban; permanency/locum; locality optional; disengaged. "Selo," 434/28, Office of this Paper.

AS Locum, Manager and Holiday Assistant; 30 years' good experience Counter, Bookkeeper, Dispensing and Worker. "Prescriber," 130 Scott-Ellis Gardens, N.W.8.

AS Locum, July 3-15; Qualified (30); highly recommended; distance no object. B., 31 Winchester Avenue, London, N.W.6.

AS Locum (31), thoroughly experienced; only 2 weeks vacant, June 19-July 1; five guineas weekly; anywhere. M.P.S., 6 Stanford Road, S.W.16.

A QUALIFIED Lady, free May 29, June 3, June 26, July 14, August 14 onwards, booking locums, &c.; experienced Hospital and Retail; excellent references; Manchester area preferred. Mullen, 5 Snowdon Road, Eccles, Manchester.

A QUALIFIED Man (24) requires Locum work anywhere; recommended; free now. Fox, Nottingham Road, Somercotes, nr. Alfreton, Derbyshire.

ASSISTANT; first-class experience; tall; abstainer; Photographics; West End; Hospital; middle age; disengaged; highest references. MacLellan, Wotton-under-Edge, Glos.

ASSISTANT, lady, Qualified, seeks season or locum engagements; fluent French. Miss Gall, 56 Station Road, King's Norton, Birmingham.

ASSISTANT, Unqualified (37), married; capable Dispenser, good on Counter, Windows, Photography (D. & P.); can manage; 20 years' experience, including wholesale; now disengaged. Dodd, 2 Orchard Cottages, Church Road, Malvern Link.

ASSISTANT, Unqualified, tall, with 30 years' experience Dispensing, Counter and Photographics; single, abstainer; disengaged. Harris, 24 Link Road, Edgbaston, Birmingham 16.

ASSISTANT (21), experienced all branches; good Dispenser and Window-dresser; West End experience. P. S., 60 Pennard Road, W.12.

ASSISTANT, 4 years' good experience in high-class Pharmacy and Photography; registered; good reference; good appearance. Brown, Sherborne Pharmacy, Sherborne, Dorset.

ASSISTANT (40), Unqualified, tall; excellent experience; Counter, Dispensing, D. & P.; permanent or locum; disengaged. C/o 153 Fairfax Drive, Westcliff-on-Sea.

ASSISTANT (21), Part I, 5 ft. 10 ins., requires post, London; 5 years' experience; Counter, Dispensing, Window-dressing. Marshall, Feering, Kelvedon, Essex.

CHANGE from Midlands to South required by Qualified Manager (37); living accommodation; present position 7 years. Apply 431/24, Office of this Paper.

CHEMIST-OPTICIAN, M.P.S., F.B.O.A., J.C.Q.O., as Manager or First Assistant; well experienced; complete references; South or West Country preferred; age 24. Chemist, 8 Unwin Road, Penistone, Sheffield.

COMPETENT Pharmacist, 15 years' London Retail experience, including management; excellent references; disengaged; moderate salary. "Ian," 32 Myddleton Square, E.C.1.

DISPENSER, Lady, Hall Certificate; experienced Hospital, N.H.I., General Practice; quick, accurate Dispenser; locum or permanent to Doctor or institution; bookkeeping. Blackthorn, Headstone Lane, Harrow.

ELDERLY, Qualified, as Superintendent during holidays; disengaged June and July; moderate salary. Chemist, Angelsea-Cromer Road, Sheringham, Norfolk.

EXPERIENCED Unqualified Assistant, with highest West End reference, requires a situation; smart Window-dresser and quick Salesman. "Worthy," 432/36, Office of this Paper.

JUNIOR (21), 5 ft. 10 in.; experience Counter, Dispensing, Window-dressing, Photo; permanency preferred; disengaged. Andrews, Beckington, Bath.

LADY Dispenser, Hall; experienced Chemist and Doctor; good references; temporary or permanent; London, Brighton district; interview if desired. 432/7, Office of this Paper.

LADY Dispenser, Hall Certificate, seeks post as Locum with Doctor, Hospital or Chemist; Reading district; free from June 10-August 5; good references. Cherrill, 55 Waylen Street, Reading.

LADY (Hall), thoroughly experienced Dispensing, Counter, Bookkeeping; approved Window-dressing, Photographer; requires post with good-class chemist; free now. M. W. S., Hazelmere, Glencairn Park Road, Cheltenham.

LADY, Hall; whole, part-time, locum or relief; Dispensing, Counter, Stock; adaptable, willing, reliable; used being left "Dispenser," 69 Falkland Road, N.W.5.

LADY, Unqualified, requires temporary employment; 7 years' experience Dispensing, Counter, Window-dressing. Mobbs, East Hagbourne, Didcot, Berks.

LOCUM—Experienced Assistant (46), smart and capable; disengaged May 26; excellent references; would book season multiple branches; go anywhere; moderate salary. L., 15 St. Nicholas Road, Barry, Glam.

LOCUM, Qualified (35), as Manager or Assistant; London or near Chemist, 50 Grove Lane, Camberwell, S.E.5. Phone Rodney 2719.

LOCUM—Qualified, experienced (37); any time; anywhere. Write for terms to Ridsdale, Home Leigh, Hornchurch Road, Romford, Essex.

LOCUM, thoroughly experienced; competent, industrious worker free June 9 to 30; Locum to Chemist. 165 Brecknock Road, N.19.

M.P.S. (30) desires change to country town; experienced Manager or first-class right-hand man. R. Sage, Meiton House, Durand Gardens, S.W.9.

M.P.S. F.S.M.C., F.I.O. (32), tall, requires post as Manager long experience London area; excellent references 434/2, Office of this Paper.

M.P.S. (42) seeks post Manager or Assistant; country preferred. 431/36, Office of this Paper.

MANAGER, Drug Stores, or Unqualified Assistant; 17 years on situation; excellent references; moderate wages. R. Slee, 106 Fifth Avenue, W.10.

OLDHAM, Chemist, Eton, recommends unqualified Assistant, after 7 years' service; thoroughly reliable, competent all branches expert Photographic, capable taking charge; middle age. Bartell, 8 Etonwick Road, Eton, Windsor.

PART or full-time; Unqualified, Counter, Dispensing, Photographic, Surgical; well recommended; moderate salary. "Prescriber," 2 Walham Grove, S.W.6.

QUALIFIED Chemist and wife willing to manage Pharmacy; good personality; thoroughly experienced; excellent references; London or adjacent counties preferred. P.C.B. 76/21, Office of this Paper.

QUALIFIED Dispenser (25); locum, season or longer; high-class experience. Martin, 40 Dudley Road, Tunbridge Wells.

QUALIFIED, long varied experience; quick Counterman, good Salesman, Prescriber, &c.; disengaged; London or near. Chemist, 42 Oakfield Road, Croydon.

QUALIFIED (31), married; 16 years in highest-class businesses only; thoroughly experienced Dispenser, Window-dresser and Counterman; disengaged shortly; manager or first assistant. 434/20, Office of this Paper.

QUALIFIED Man seeks temporary berth; 50s. weekly, outdoors; excellent all-round experience; references good; now disengaged. 434/14, Office of this Paper.

QUALIFIED (29, 5 ft. 3 ins.), 7 years; abstainer; general experience, Photo &c.; excellent references; desires post; Hospital preferred; disengaged. Whitehouse, 91 Regent Street, Kingswood, Bristol.

QUALIFIED (38), married, Scotsman, fit and strong, selling own business, held for 6 years, previously Manager to London's largest Panel business; experienced all branches, no Optics; free early June. 433/37, Office of this Paper.

RECOMMENDING young male as Improver; leaving me because people removed to Peckham; 3 years' training since leaving school; makings of good Unqualified Assistant. Thompson, Chemist, 127 Belgrave Road, Ilford.

SCOT, Qualified (48), desires Management or Locum, London, Provinces or Scotland; disengaged. "Drug," 41 Cowcaddens Street, Glasgow.

DNEY NAYLOR, M.P.S., 41 Palace Court, W.2, Locum, is now available; terms moderate.

QUALIFIED Assistant (23); good experience in Dispensing, Photography, Counter, Window-dressing; excellent references; immediately available. Mathews, 96 Mitcham Lane, Eastham, S.W.16. Phone Streatham 7560.

QUALIFIED Assistant (20), experienced in Dispensing, Window-dressing, Counterman, seeks post near evening. E. J. Cave, 6 Cemetery Road, Derham, Norfolk.

QUALIFIED (28); 10 years' thorough experience in all branches; good at Window and Counter; quick and accurate penner; capable of controlling staff; pleasing manner and personality with customers; excellent references; disengaged now; nothing; anywhere. Watson, Milestones, Chilworth, Guildford.

QUALIFIED (22); 5½ years' experience N.H.I., private Dispensing, Prescribing, Window-dressing, Counterwork, Photographic. S. G. Parke, 51 Weir Hall Road, N.17.

OUNG Lady, Hall certificate; 2 years' experience Dispensing and some Counter; East Anglia preferred. 434/16, Office of this Paper.

OUNG Lady, Unqualified; 3 years' experience Dispensing and Counter; Doctor or Chemist. Read, 40 Norman Road, Waven, Sussex.

OUNG Qualified man seeks post as Dispenser; 6 years' experience. Chemist, 99 Minorities, E.C.3.

WHOLESALE.

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REPRESENTATIVE with live connection of 10 years' standing in London and South of England, desires to represent house of repute; Perfumery, Toilets or Proprietaries. 432/24, Office of this Paper.

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YOUNG Man (25, married) desires situation as Representative, acquainted with co-operative and private buyers throughout Yorkshire; energetic, ambitious. 431/16, Office of this Paper.

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